EF234405 Design & Analysis of Algorithms (D) - Quiz 1 Grade MM Irfan Subakti, Tsabita Putri Ramadhany, Michael Ariel Manihuruk, Mashita Dewi & Adam Haidar Azizi 2nd Semester 2023/2024

| | | | | SPOJ Classic | al 9034 - Ho | elp Tohu | | | SPOJ Cla | essical 14138 | - Amazing | Factor Seq | uence | | Decla- | | Email M | anner | | File- name | | Original | | |
|----|--------------------------|--|------------------|---------------------|----------------------------|----------|-------------------------|---|------------------|---------------------|-------------------|------------|-------------------------|---|--------|--------------------------|---------|-------|----------------|---------------|--|-------------------|----------------------------|--------------------------|
| No | Student ID | Name | Title of problem | Problem description | Problem abstracti on | Solution | SPOJ: Source code | Explanation | Title of problem | Problem description | Problem abstracti | Solution | SPOJ: Source code | Explanation | | Appro- priate Name | Subject | Body | Signa- ture | Title | Late (min) Final Remark | Grade (Number) | Final Grade (Number) | Final Grade (Char) |
| | | | 2% | 3% | 10% | 75% | 10% | | 2% | 3% | 10% | 75% | 10% | | , | 2% | 2% | 2% | 2% | 2% | | 100% | | |
| 1 | 5111940000206 | Samuel Hamonangan Malau | 2 | 3 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description | 1 | 2 | 2 | 0 | 0 | 2 | Good work, but please give the body and signature to your email instead of an empty email. 0 Excellent! | 90.5 | 90.5 | A |
| 2 | 5025201047 | Sidrotul Munawaroh | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 0 Excellent! | 94 | 94 | A |
| 3 | 5025201110 | Muhammad Ghani Taufiqurrahma n Atmaja | 2 | 2 | 10 | 75 | | Please include the sample input and output in your description | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 0 | 0 | 2 | Good work, but please give the body and signature to your email instead of an empty email. O Excellent! | 92.5 | 92.5 | A |
| 4 | 5025201138 | Yusron Nugroho Aji | 2 | 2 | 10 | 65 | | Please include the sample input and output in your description, and need more detailed explanation. | 2 | 2 | 10 | 65 | | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 0 Excellent! | 89 | 89 | A |
| | | Gery Febrian | _ | _ | | | | Please include the sample input and output in your | | _ | | | | Please include the sample input and output in your | | | | | | | | | | |
| 5 | 5025201151 | Setyara Sekar Ambar | 2 | 2 | 10 | 75 | | description | 2 | 2 | 10 | 75 | 10 | description Please provide more detailed | 1 | 2 | 2 | 2 | 2 | 2 | 0 Excellent! | 99 | 99 | A |
| 6 | 5025211041 | Arum Baihagi Rizki | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 70 | 10 | explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 0 Excellent! No submission. You | 97.5 | 97.5 | Α |
| 7 | 5025211044 5025211146 | Nurfajri Hammuda Arsyad | 2 | 3 | 10 | 75 | | No submission Please include the sample input and output in your description | 2 | 3 | 10 | 0 75 | | Please include the sample input and output in your description | 0 | 2 | 2 | 0 | 0 | 2 | O can do better! Good work, but please give the body and signature to your email instead of an empty email. O Excellent! | -10 96 | 61 96 | BC A |
| 9 | 5025211177 | Azhar Abiyu Rasendriya Harun | 2 | 2 | 10 | 75 | | Please include the sample input and output in your description | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 2 | 2 | 2 | Great work, but please kindly use English for email and other communications as this course is conducted entirely in English. Excellent! | 96.5 | 96.5 | A |

| Note Continue Co | | | | | SPOJ Classic | al 9034 - He | lp Tohu | | | Droblem SDOI | | | | | Decla- | | Email M | anner | | File- name | | | Original | 5 * 1 | Final | |
|--|----|------------|-------------------------------|----|--------------|--------------|----------|--------|--|----------------|----|-----------|----------|--------|--|---------|---------|---------|------|----------------|-------|---|--|--------------|-------|-------|
| 20 | No | Student ID | Name | | | abstracti | Solution | Source | Explanation | | | abstracti | Solution | Source | Explanation | (Valid/ | priate | Subject | Body | Signa- ture | Title | | Final Remark | | Grade | Grade |
| 13 5073711217 Only Day 2 2 1 1 7 Testifical by the conversal region of the conversal | | | | 2% | 3% | _ | 75% | | | 2% | 3% | | 75% | | | , | | 2% | 2% | 2% | 2% | _ | | 100% | | |
| Supplementable Supp | 10 | | l ' | 2 | 2 | 1 | 1 | | write down what you understand about the problem. Appreciate the | 2 | 3 | 10 | 65 | | more detailed | 1 | 2 | 2 | 0 | 0 | 2 | 0 | please give the body and signature to your email instead of an empty email. | 44.5 | 61 | вс |
| Sample input and output in your description, and need more detailed 12 5025211238 Marson Purba 2 2 10 70 10 10 2 3 10 75 10 Perfect score 1 2 2 2 0 0 2 0 Excellent 93 93 A | 11 | 5025211237 | Dany Dary | 2 | 2 | 5 | 1 | | sample input and output in your description, provide more detailed explanation in your abstraction, include the explanation about the solution, and provide the SPOJ account's name and password, as well as evidence of the "accepted" status | 2 | 2 | 5 | 1 | | sample input and output in your description, provide more detailed explanation in your abstraction, include the explanation about the solution, and provide the SPOJ account's name and password, as well as evidence of the "accepted" status | | 2 | 2 | 0 | 0 | 2 | 0 | and signature to your email instead of an empty email. | 13 | 61 | ВС |
| Nadira Milha Nadi | 12 | | | 2 | 2 | 10 | 70 | | sample input and output in your description, and need more detailed | 2 | 2 | 10 | 75 | 10 | Porfact socral | 1 | 1 | 2 | 0 | 0 | 2 | 0 | please give the body and signature to your email instead of an empty email. | 02 | 02 | |
| Nabilah Atika Nabilah Atik | | | Nadira Milha | 2 | | | | | Excellent! Took | | | | | | Excellent! Took | 1 | | | | U | Z | | Excellent! Research: Embeds secret binary data into image pixels using steganography | | | A |
| 15 5025221008 Made Daryl Adi Nugraha 2 3 10 75 10 Perfect score! 2 3 10 75 10 Perfect score! 1 2 2 2 2 2 2 2 2 2 | 13 | | | 2 | 3 | 10 | 75 | 10 | part in research | 2 | 3 | 10 | 75 | | Please provide | 1 | 2 | 2 | 2 | 2 | 2 | 0 | algorithms. | 100 | 100 | Α |
| 15 5025221008 Nugraha 2 3 10 75 10 Perfect score! 2 3 10 75 10 Perfect score! 1 2 2 2 2 2 0 Excellent! 100 100 A Perfect score! But please use English next time as this course is course is conducted entirely 16 5025221011 Dzulfikar 2 3 10 75 10 in English Reynard Perfect score! But please use English next time as this conducted entirely in English. 1 2 2 0 0 0 2 0 Excellent! 96 96 A | 14 | | | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 5 | 70 | 10 | explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 95 | 95 | A |
| Andreas Reynard | 15 | 5025221008 | Nugraha Muhammad Farhan | | 3 | 10 | | | Perfect score! But please use English next time as this course is conducted entirely | | 3 | | | | Perfect score! But please use English next time as this course is conducted entirely | _ | | | | 2 | 2 | | Good work, but please give the body and signature to your email instead of an empty email. | | | A |
| 11/1 30/3// 0//0 13/0 1 / 1 5 1 10 1 /3 1 10 PEDECISIONE 1 / 1 3 1 10 1 /3 1 10 PERPECISIONE 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 | | | Andreas Reynard | | 3 | | | | - | | 3 | | | | | | | | | 0 | 2 | | | | | |

| | | | | SPOJ Classica | al 9034 - He | elp Tohu | | | SPOJ Cla | assical 14138 | - Amazing | Factor Seq | uence | Decla- ration Appro- | | | | File- name | | | Original | Final | Final | | |
|----|------------|---|------------------|---------------------|----------------------|----------|-------------------------|---|------------------|---------------------|----------------------|------------|-------------------------|---|--------------------------|--------------------------|---------|---------------|----------------|-------|---------------|---|-------------------|----------------------------|--------------------------|
| No | Student ID | Name | Title of problem | Problem description | Problem abstracti on | Solution | SPOJ: Source code | Explanation | Title of problem | Problem description | Problem abstracti on | Solution | SPOJ: Source code | Explanation | ration (Valid/ NV) | Appro- priate Name | Subject | Body | Signa- ture | Title | Late (min) | Final Remark | Grade (Number) | Final Grade (Number) | Final Grade (Char) |
| | | | 2% | 3% | 10% | 75% | 10% | | 2% | 3% | 10% | 75% | 10% | | | 2% | 2% | 2% | 2% | 2% | | | 100% | | |
| | | Muhammad | | | | | | Excellent! Took | | | | | | Excellent! Took | | | | | | | | Excellent! Activity: Department Secretary of the Student Resource and Development Department at | | | |
| 18 | 5025221039 | Wafi Zaki Hanif | 2 | 3 | 10 | 75 | 10 | part in activity | 2 | 3 | 10 | 75 | 10 | part in activity | 1 | 2 | 2 | 2 | 2 | 2 | 0 | НМТС | 100 | 100 | Α |
| 10 | | Muhammad Rayyaan Fatikhahur | 2 | 2 | 10 | 75 | 10 | Desfect court | | , | 10 | 75 | 10 | Desfect court | | | 2 | 2 | 2 | 2 | | Succlined | 100 | 100 | |
| 19 | 5025221047 | Rakhim Chalvin Reza | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 100 | 100 | Α |
| 20 | 5025221054 | Farrel | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 100 | 100 | Α |
| 21 | 5025221061 | Moch. Avin | 2 | 2 | 10 | 75 | | Please include the sample input and output in your description | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 99.5 | 99.5 | A |
| 22 | 5025221100 | Riyanda Cavin Sinambela | 2 | 2 | 10 | 60 | 10 | Please include the sample input and output in your description, and need more detailed explanation. Additionally, kindly adjust the mathematical notation for better readability. | 2 | 3 | 10 | 75 | | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 92 | 92 | А |
| 22 | | Birhasani Raka Abiansyah | 2 | 3 | 10 | 65 | | Please provide a more detailed explanation for the solution | 2 | 3 | 10 | 65 | | Please provide a more detailed explanation for the solution | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 90 | 90 | Δ. |
| 23 | | Jevon Tama Aristo Manurung Helsa | 1 | 1 | 1 | 1 | | No submission | 2 | 3 | 10 | 65 | | Please provide a more detailed explanation for the solution | | 2 | 2 | 0 | 0 | 2 | 17 | Good work, but please give the body and signature to your email instead of an empty email. Be mindful of the deadline and the email manners. You can do better! | | 61 | ВС |
| 25 | 5025221154 | Sriprameswari Putri | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 100 | 100 | A |
| | | Ivan Fairuz | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 5025221167 | Adinata | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 100 | 100 | Α |

| | | | | SPOJ Classic | al 9034 - Ho | elp Tohu | | | SPOJ Cla | assical 14138 | 3 - Amazing | Factor Seq | uence | | Decla- | | Appro- | | | File- name | | | Original | Final | Ein al |
|----|------------|---|------------------|---------------------|----------------------------|----------|-------------------------|---|------------------|---------------------|----------------------|------------|-------------------------|--|--------|--------------------------|---------|------|----------------|---------------|---------------|--|-------------------|----------------------------|--------------------------|
| No | Student ID | Name | Title of problem | Problem description | Problem abstracti on | Solution | SPOJ: Source code | Explanation | Title of problem | Problem description | Problem abstracti on | Solution | SPOJ: Source code | | | Appro- priate Name | Subject | Body | Signa- ture | Title | Late (min) | Final Remark | Grade (Number) | Final Grade (Number) | Final Grade (Char) |
| | | | 2% | 3% | 10% | 75% | 10% | | 2% | 3% | 10% | 75% | 10% | | , | 2% | 2% | 2% | 2% | 2% | | | 100% | | |
| 27 | 5025221180 | Ahmad Alvin Jauhari | 2 | 2 | 10 | 70 | | Please include the sample input and output in your description, and need more detailed explanation. Additionally, please use English next time as this course is conducted entirely in English. | 2 | 2 | 10 | 55 | | I appreciate your explanation even though you haven't been able to solve it yet, but you have explained the algorithm that you know. | 1 | 2 | 2 | 0 | 0 | 2 | | Good work, but please give the body and signature to your email instead of an empty email. Be mindful of the deadline and the email manners. Great work! | 78 | 76.2 | AB |
| 20 | | Nyoman Satyawikrama Upadhana | 2 | 3 | 10 | 75 | 10 | Excellent! Took | 2 | 3 | 10 | 75 | | Excellent! Took | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! Competition: Undiknas Business Model Canvas | 100 | 100 | |
| 28 | | Farhan Widyanto | 2 | | | | | part in competition | | | | 75 | | Please include need more detailed explanation about | 1 | | | | | 2 | | Competition | | | A |
| 29 | 5025221209 | Wibowo I Putu Raditya | 2 | 3 | 10 | 75 | 10 | Perfect score! Excellent! Took | 2 | 3 | 10 | 65 | | your algorithm. Excellent! Took | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! Excellent! Competition: Undiknas Business Model Canvas | 95 | 95 | A |
| 30 | 5025221210 | Partha Wijaya Muhammad Mirza Ralfie | 2 | 3 | 10 | 75 | 10 | part in competition | 2 | 3 | 10 | 75 | | part in competition | 1 | 2 | 2 | 2 | 2 | 2 | 0 | No submission. You | 100 | 100 | Α |
| 31 | 5025221220 | Prasetyo Furstin | 0 | 0 | 0 | 0 | 0 | No submission | 0 | 0 | 0 | 0 | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | can do better! | -10 | 61 | ВС |
| 32 | 5025221234 | Aprilavia Putri | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 75 | 10 | Perfect score! | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 100 | 100 | Α |
| 33 | 5025221243 | Azizah Elok Harvianti | 2 | 2 | 10 | 70 | 10 | Please include the sample input and output in your description, and need more detailed explanation. | 2 | 2 | 10 | 70 | 10 | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 94 | 94 | A |
| 34 | 5025221247 | Gayu Baruwa | 2 | 3 | 10 | 75 | 7 | Please include the SPOJ account's name and password. | 2 | 3 | 10 | 75 | | Please include the SPOJ account's name and password. | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 97 | 97 | A |
| 35 | 5025221265 | Reynaldi Neo Ramadhani | 2 | 3 | 10 | 75 | 10 | Excellent! Took part in activity | 2 | 3 | 10 | 75 | | Excellent! Took part in activity | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! Activity: Web Developer Intern at Alpha Academy Indonesia | 100 | 100 | A |
| | | Ariq Javier Ramadhani | | | | | | Please include the sample input and output in your | | | | | | Please include the sample input and output in your | | | - | | | | _ | · | | | |
| 36 | 5025221267 | Rahim | 2 | 2 | 10 | 75 | 10 | description | 2 | 2 | 10 | 75 | 10 | description | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 99 | 99 | Α |

| | | | | SPOJ Classic | al 9034 - He | elp Tohu | | | SPOJ CI | assical 14138 | 3 - Amazing | Factor Seq | uence | | Decla- | | Email M | anner | | File- name | | | Original | | |
|----|------------|----------------------------------|------------------|---------------------|----------------------|----------|------|--|---------|---------------------|-------------|------------|-------|---|--------------------------|------|---------|-------|----|---------------|---------------|--|-------------------|----------------------------|--------------------------|
| No | Student ID | Name | Title of problem | Problem description | Problem abstracti on | | code | Explanation | _ | Problem description | on | Solution | code | Explanation | ration (Valid/ NV) | Name | Subject | | | Title | Late (min) | Final Remark | Grade (Number) | Final Grade (Number) | Final Grade (Char) |
| | | | 2% | 3% | 10% | 75% | 10% | | 2% | 3% | 10% | 75% | 10% | | | 2% | 2% | 2% | 2% | 2% | | | 100% | | |
| | | Adity o Diaki | | | | | | Not providing the SPOJ account's name and password, as well as evidence of the "accepted" status from SPOJ. Additionally, please use English next time as this course is conducted | | | | | | Not providing the SPOJ account's name and password, as well as evidence of the 'accepted' status from SPOJ, and needing a more detailed explanation. Additionally, please | | | | | | | | | | | |
| 37 | 5025221272 | Aditya Rizki Muhammad | 2 | 3 | 10 | 75 | | entirely in English. | 2 | 3 | 10 | 65 | | use English next time. | 1 | 2 | 2 | 2 | 2 | 2 | 0 | Excellent! | 86 | 86 | A |
| | | Nabhyla Niagara | | | | | | Please include need more detailed explanation about | | | | | | Please include need more detailed explanation about | | | | | | | | Good work, but please give the body and signature to your email instead of an empty email. | | | |
| 38 | 5025221286 | Rannuan | 2 | 2 | 10 | 70 | 10 | your solution. | 2 | 2 | 10 | 65 | 10 | your algorithm. | 1 | 2 | 2 | 0 | 0 | 2 | 0 | Excellent! | 87.5 | 87.5 | Α |
| 39 | 5025221294 | Faiq Lidan Baihaqi | 2 | 3 | 10 | 75 | 10 | Perfect score! | 2 | 3 | 10 | 70 | 10 | Please provide more detailed explanation. | 1 | 2 | 2 | 2 | 2 | 2 | 2 | Excellent! | 97.5 | 97.2 | A |
| 40 | 5025221310 | Giobert Boyhosea Panjaitan | 2 | 2 | 10 | 60 | | Please include the sample input and output in your description, and need more detailed explanation. Additionally, kindly adjust the mathematical notation for better readability. | 2 | 2 | 10 | 65 | | Please include the sample input and output in your description, and need more detailed explanation. | 1 | 2 | 2 | 2 | 0 | 2 | | Good work, but please mind the email manners. Great work! | 84.5 | 84.5 | АВ |
| 40 | 20222210 | Minimum | 0 | 0 | 0 | 0 | 0 | reauability. | 0 | 0 | 0 | 0 | 0 | Explanation. | 1 | | | | | | " | GICAL WOIK! | - 10 | 61 | BC |
| | | Maximum | 2 | 3 | 10 | 75 | 10 | | 2 | 3 | 10 | 75 | 10 | | | | | | | | | | 100 | 100 | A |
| | | Average | 1.88 | 2.43 | 8.93 | 63.70 | 8.68 | | 1.90 | 2.55 | 9.25 | 65.90 | 8.90 | | | | | | | | | | 85.50 | 91.05 | Α |

| Grade Distribution | | | | | | | | | | | | |
|--------------------|--------|------------|--|--|--|--|--|--|--|--|--|--|
| Category | Amount | Percentage | | | | | | | | | | |
| Α | 33 | 83% | | | | | | | | | | |
| AB | 2 | 5% | | | | | | | | | | |
| В | 0 | 0% | | | | | | | | | | |
| BC | 5 | 13% | | | | | | | | | | |
| С | 0 | 0% | | | | | | | | | | |
| D | 0 | 0% | | | | | | | | | | |
| E | 0 | 0% | | | | | | | | | | |
| Total | 40 | 100% | | | | | | | | | | |