

IF184401 Design & Analysis of Algorithms (C) - Final Exam Grade
MM Irfan Subakti, Muhammad Afdal Abdallah, Dickson Alfersius Novian & Adrian Santoso
2nd Semester 2021/2022

| No | Student ID | Name | No 1: True/False | Explanation | No 2: Seq. of n Numbers | Explanation | No 3: Binary Tree | Explanation | No 4: TSP | | | | | | Decla- ration (Valid/ NV) | Email Manner | | | | | File- name | Late (min) | Final Remark | Original Grade (Number) | Final Grade (Number) | Final Grade (Char) | | |
|----|-----------------|---------------------------------|---------------------|---------------|-------------------------------|------------------------|-------------------------|---------------|------------------------|---------------|-----------------|--------------------|-------|--------------------|------------------------------------|--|-------------|--------------------------|---------|------|---------------|---------------|--------------|---|--|--------------------------|----------------|-------|
| | | | | | | | | | Triangle Inequality | Explanation | Running Time | Explanation | Ratio | Explanation | | No 5: Bellman- Ford & Dijkstra | Explanation | Appro- priate Name | Subject | Body | | | | | | | Signa- ture | Title |
| | | | | | | | | | 5 | | 5 | | 10 | | | 25 | | 2 | 2 | 2 | | | | | | | 2 | 2 |
| 1 | 05111840000108 | Fandi Wahyu Rusydi | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC |
| 2 | 05111940000151 | M. Iqbal Abdi | 13 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 98 | 98 | A | |
| 3 | 05111940000158 | Shahnaaz Anisa Firdaus | 14 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great, but lacking illustration | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 97 | 97 | A | |
| 4 | 05111940000201 | Rizaldi Nur Rahman Naufal | 10 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 20 | Great, but lacking illustration. Also, lack of real-life application differences | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 90 | 90 | A | |
| 5 | 05111940000210 | Pramudityo Prabowo | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC |
| 6 | 05111940000211 | Vicky Thirdian | 14 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 0 | No answer provided | 0 | No answer provided | 23 | Great, please elaborate more about the illustration | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Please pay more attention to the question. Great work! | 82 | 81.85 | AB |
| 7 | 051119400007001 | Afdhal Ma'ruf Lukman | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC |
| 8 | 051119400007003 | Pedro T Korwa | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC |
| 9 | 051119400007004 | Feberlizer Ednar William Gultom | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | No submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC |
| 10 | 5025201024 | Raden Pandu Anggono Rasyid | 14 | Great | 0 | No submission provided | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great, but lacking explanation of real-life differences | 1 | 1 | 1 | 1 | 1 | 1 | | Great work! | 77 | 77 | AB | |
| 11 | 5025201025 | Dawamul Fikri Aqil | 14 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great, but lacking explanation of real-life differences | 1 | 1 | 1 | 1 | 1 | 1 | 14 | Please pay more attention to the due date. Excellent! | 97 | 94.9 | A | |

| No | Student ID | Name | No 1: True/False | Explanation | No 2: Seq. of n Numbers | Explanation | No 3: Binary Tree | Explanation | No 4: TSP | | | | | | | Decla- ration (Valid/ NV) | Email Manner | | | | | File- name | Late (min) | Final Remark | Original Grade (Number) | Final Grade (Number) | Final Grade (Char) | |
|----|------------|------------------------------------|---------------------|-------------|-------------------------------|--|-------------------------|-------------|------------------------|-------------|-----------------|-------------|-------|---|---|---|--------------|--------------------------|---------|------|----------------|---------------|---------------|--|-------------------------------|----------------------------|--------------------------|-------|
| | | | | | | | | | Triangle Inequality | Explanation | Running Time | Explanation | Ratio | Explanation | No 5: Bellman- Ford & Dijkstra | | Explanation | Appro- priate Name | Subject | Body | Signa- ture | | | | | | | Title |
| | | | | | | | | | 15 | 20 | 20 | 5 | 5 | 10 | 25 | | 2 | 2 | 2 | 2 | 2 | | | | | | | |
| 12 | 5025201034 | Lia Kharisma Putri | 10 | Good | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great, but the differences are reversed | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 93 | 93 | A | |
| 13 | 5025201042 | Cindi Dwi Pramudita | 11 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 96 | 96 | A | |
| 14 | 5025201049 | Doanda Dresta Rahma | 14 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect and great illustration | 1 | 1 | 1 | 1 | 1 | 1 | 2 | Excellent! | 99 | 98.7 | A | |
| 15 | 5025201064 | Dhafin Almas Nusantara | 15 | Perfect | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 8 | Great, can be improved by giving more detailed explanation | 22 | Great work, can be improved by giving more illustration how the algorithm works. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 95 | 95 | A | |
| 16 | 5025201071 | Reza Maranelo Alfiansyah | 14 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect and great illustration | 1 | 1 | 1 | 1 | 1 | 1 | 56 | Please pay more attention to the due date. Excellent! | 99 | 90.6 | A | |
| 17 | 5025201074 | Ghazzi Buana Dewa | 13 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 9 | Please differentiate between point number two and three. Great! | 25 | Perfect | 1 | 1 | 0 | 0 | 0 | 1 | 0 | Please pay more attention to email manners. Excellent! | 97 | 97 | A | |
| 18 | 5025201080 | Billy Brianto | 12 | Great | 20 | Perfect | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 97 | 97 | A | |
| 19 | 5025201093 | Hafizh Mufid Darussalam | 9 | Great | 18 | Great | 20 | Perfect | 5 | Perfect | 5 | Perfect | 9 | Great, can be improved by giving more detailed explanation | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 91 | 91 | A | |
| 20 | 5025201098 | Ibra Abdi Ibadhi | 13 | Great | 18 | Great | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 20 | Great work, can be improved by giving illustration how the algorithm works. | 1 | 1 | 1 | 1 | 1 | 1 | 45 | Please pay more attention to the due date. Excellent! | 91 | 84.25 | AB | |
| 21 | 5025201131 | Mohammad Fadhil Rasyidin Parinduri | 14 | Great | 15 | Great, can be improved by giving more detailed explanation | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great work, can be improved by giving more explicit real-life application examples. | 1 | 1 | 1 | 1 | 1 | 1 | 2 | Excellent! | 92 | 91.7 | A | |

| No | Student ID | Name | No 1: True/False | Explanation | No 2: Seq. of n Numbers | Explanation | No 3: Binary Tree | Explanation | No 4: TSP | | | | | | | Decla- ration (Valid/ NV) | Email Manner | | | | | File- name | Late (min) | Final Remark | Original Grade (Number) | Final Grade (Number) | Final Grade (Char) | |
|----|------------|--------------------------------|---------------------|---------------|-------------------------------|--|-------------------------|--|------------------------|---------------------|-----------------|---------------------|-------|---------------------|--------------------------------|---|--------------|--------------------------|---------|------|----------------|---------------|---------------|--|-------------------------------|----------------------------|--------------------------|-------|
| | | | | | | | | | Triangle Inequality | Explanation | Running Time | Explanation | Ratio | Explanation | Bellman- Ford & Dijkstra | | Explanation | Appro- priate Name | Subject | Body | Signa- ture | | | | | | | Title |
| | | | | | | | | | 5 | | 5 | | 10 | | 25 | | | 2 | 2 | 2 | 2 | | | | | | | 2 |
| 22 | 5025201135 | Nugraha Akbar Nurhakim | 12 | Great | 15 | Great, can be improved by giving the pseudocode | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect | 1 | 1 | 1 | 1 | 0 | 1 | 0 | Excellent! | 92 | 92 | A | |
| 23 | 5025201147 | Sayid Ziyad Ibrahim Alaydrus | 14 | Good job | 20 | Great job | 20 | Great job | 4 | Good job | 4 | Good job | 5 | Great work | 25 | Great work! | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 92 | 92 | A | |
| 24 | 5025201156 | Nazhifah Elqolby | 10 | Great | 18 | Great, can be improved by giving more detailed explanation | 18 | Great, can be improved by giving more detailed explanation | 5 | Perfect | 5 | Perfect | 10 | Perfect | 23 | Great work, can be improved by giving more explicit real-life application examples. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 89 | 89 | A | |
| 25 | 5025201169 | James Maranata Silaban | 12 | Great | 15 | Great, can be improved by giving the pseudocode | 20 | Perfect | 5 | Perfect | 5 | Perfect | 10 | Perfect | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 92 | 92 | A | |
| 26 | 5025201177 | Muhammad Daffa Aldriantama | 14 | Great | 20 | Perfect | 20 | Perfect | 4 | Great | 5 | Perfect | 8 | Great | 25 | Perfect | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 96 | 96 | A | |
| 27 | 5025201180 | Nathaneel Patricio Linggar | 14 | Good job | 20 | Great job | 20 | Detailed answer. | 5 | Clear explanation | 5 | Clear explanation | 10 | Concise explanation | 25 | Great job. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | So close. It's in the details, a linear search is a linear search regardless. Excellent! | 99 | 99 | A | |
| 28 | 5025201185 | Haidar Fico Ramadhan Aryaputra | 14 | Good job | 20 | Great job | 20 | Clear answer. | 5 | Concise explanation | 5 | Concise explanation | 10 | Great illustration. | 25 | Great job. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | So close. It's in the details, a linear search is a linear search regardless. Excellent! | 99 | 99 | A | |
| 29 | 5025201195 | Naufal Adli Purnama | 13 | Good job | 20 | Great job | 20 | Clear and concise | 5 | Concise explanation | 5 | Concise explanation | 10 | Concise explanation | 25 | Detailed answer. Great job. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 98 | 98 | A | |
| 30 | 5025201196 | Ahmad Hafiz Mahardika | 0 | no submission | 0 | no submission | 0 | no submission | 0 | no submission | 0 | no submission | 0 | no submission | 0 | no submission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | No submission. Default grade: 61. You can do better! | 0 | 61 | BC | |
| 31 | 5025201214 | Ferry Nur Alfian Eka Putra | 11 | Good job | 15 | Good job | 20 | Clear and with good illustration. | 5 | Concise explanation | 5 | Concise explanation | 10 | Great illustration. | 25 | Great work | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Appreciate the early submission. Excellent! | 91 | 91 | A | |

| No | Student ID | Name | No 1: True/False | Explanation | No 2: Seq. of n Numbers | Explanation | No 3: Binary Tree | Explanation | No 4: TSP | | | | | | | Decla- ration (Valid/ NV) | Email Manner | | | | | File- name | Late (min) | Final Remark | Original Grade (Number) | Final Grade (Number) | Final Grade (Char) | | | |
|----|------------|------------------------------|---------------------|---|-------------------------------|---|-------------------------|--------------------|------------------------|---------------------|-----------------|--------------------------------|-------|---------------------|-------------|---|---|-------------|--------------------------|---------|------|---------------|---------------|--|-------------------------------|----------------------------|--------------------------|----------------|-------|----|
| | | | | | | | | | Triangle Inequality | Explanation | Running Time | Explanation | Ratio | Explanation | Explanation | | No 5: Bellman- Ford & Dijkstra | Explanation | Appro- priate Name | Subject | Body | | | | | | | Signa- ture | Title | |
| | | | | | | | | | 5 | | 5 | | 10 | | | | 25 | | 2 | 2 | 2 | | | | | | | 2 | 2 | |
| 32 | 5025201216 | Anggito Anju Hartawan Manalu | 14 | Good job | 20 | Great job | 20 | Clear and concise | 5 | Concise explanation | 5 | Concise explanation | 10 | Concise explanation | 24 | Great work, can be improved by giving more explicit real-life application examples. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8 | Excellent! | 98 | 96.8 | A | | |
| 33 | 5025201233 | Warren Gerald Polandra | 13 | Good job. Appreciate the effort of analysis | 20 | Great job | 20 | Great answer | 5 | Concise explanation | 5 | Concise explanation | 10 | Concise explanation | 25 | Great work. | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 98 | 98 | A | | | |
| 34 | 5025201242 | Wina Tungmiharja | 11 | Good job | 19 | Good job, can be improved by giving a more explicit complexity analysis | 20 | Great answer | 5 | Clear explanation | 5 | Clear explanation | 10 | Clear and concise | 24 | Great work, can be improved by giving more illustration and explicit real-life application examples | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 94 | 94 | A | | | |
| 35 | 5025201269 | Atha Dzaky Hidayanto | 9 | Good job | 15 | Good job | 20 | Clear and concise | 0 | No answer | 0 | No answer. | 0 | No answer. | 25 | Great work | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Please at least answer something, even just theorems. Good work! | 69 | 69 | B | | | |
| 36 | 5025201270 | Afiq Akram | 10 | Good job | 15 | Good job | 20 | Great illustration | 5 | Clear explanation | 5 | Clear explanation | 10 | Great explanation | 25 | Great work | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Excellent! | 90 | 90 | A | | | |
| 37 | 5025201271 | Muhammad Damas Abhirama | 14 | Good job | 18 | Great job | 20 | Excellent job | 5 | Clear and concise | 5 | Clear and concise | 10 | Clear and concise | 23 | Great, can be improved by giving more explanation about the illustrations and real life examples | 1 | 1 | 1 | 1 | 1 | 1 | 13 | Excellent! | 95 | 93.05 | A | | | |
| 38 | 5025201272 | Sarah Alissa Putri | 11 | Good job | 20 | Excellent job | 20 | Excellent job | 5 | Great explanation | 5 | Great and detailed explanation | 0 | no answer. | 25 | Excellent work! | 1 | 1 | 1 | 1 | 1 | 1 | 0 | Please be more careful in sending emails. Excellent! | 86 | 86 | A | | | |
| | | Minimum | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | | | | | | | | | | | | 0 | 61 | BC |
| | | Maximum | 15 | | 20 | | 20 | | 5 | | 5 | | 10 | | 25 | | | | | | | | | | | | | 99 | 99 | A |
| | | Average | 10.64 | | 15.41 | | 16.87 | | 4.05 | | 3.95 | | 7.41 | | 20.36 | | | | | | | | | | | | | 78.13 | 87.21 | A |

| No | Student ID | Name | No 1: | Explanation | No 2: | Explanation | No 3: | Explanation | No 4: TSP | | | | | | Decla- ration (Valid/ NV) | Email Manner | | | | File- name | Late (min) | Final Remark | Original Grade (Number) | Final Grade (Number) | Final Grade (Char) | |
|----|------------|------|-----------------|-------------|---------------------------|-------------|----------------|-------------|------------------------|-------------|-----------------|-------------|-------|-------------|------------------------------------|--------------------------------|-------------|--------------------------|---------|---------------|---------------|--------------|-------------------------------|----------------------------|--------------------------|------|
| | | | True/Fal- se | | Seq. of n Num- bers | | Binary Tree | | Triangle Inequality | Explanation | Running Time | Explanation | Ratio | Explanation | | Bellman- Ford & Dijkstra | Explanation | Appro- priate Name | Subject | | | | | | | Body |
| | | | 15 | | 20 | | 20 | | 5 | | 5 | | 10 | | 25 | | 2 | 2 | 2 | 2 | 2 | | | 100 | | |

| Category | Amount | Percentage |
|--------------|-----------|-------------|
| A | 28 | 74% |
| AB | 3 | 8% |
| B | 1 | 3% |
| BC | 6 | 16% |
| C | 0 | 0% |
| D | 0 | 0% |
| E | 0 | 0% |
| Total | 38 | 100% |