

IF184401 Design & Analysis of Algorithms (G) - Midterm Exam Grade
MM Irfan Subakti & Muhammad Afdal Abdallah
2nd Semester 2022/2023

No	Student ID	Name	AVL Tree								Explanation	Decla-ration (Valid/ NV)	Email Manner					File-name	Late (min)	Final Remark	Original Grade (Number)	Final Grade (Number)	Final Grade (Char)
			isBST	printDescending	max	isHeightBalanced	insertHB	rebalanceForLeft	rebalanceForRight	deleteHB			Appro-priate Name	Subject	Body	Signa-ture	Title						
			20%	10%	10%	10%	10%	15%	15%	10%			2%	2%	2%	2%	2%						
1	0511194000011	Nouvelli Cornelia	0	0	0	0	0	0	0	0	No submission.	0	0	0	0	0	0	0	0	No submission found. Default grade: 61. You can do better!	-10	61	BC
2	5025201028	Muhammad Abror Al Qushoyyi	12	5	10	10	5	8	8	5	There are errors in your rebalance algorithm, thus affecting the other function. Please be more careful and properly test your code.	1	1	1	1	1	1	0	Please be more careful because one mistake can affect the other function. You can do better!	63	63	BC	
3	5025201029	Beryl	12	10	10	5	5	8	8	5	There are errors in your rebalance algorithm, thus affecting the other function. Please be more careful and properly test your code.	1	1	1	1	1	1	0	Please be more careful because one mistake can affect the other function. You can do better!	63	63	BC	
4	5025201030	Mohammad Nouval Bachrezi	12	10	10	8	10	12	12	10	The insert and delete function works properly, but there are slight error in the rebalance methods, thus making the tree not AVL anymore.	1	1	1	1	1	1	0	Great work!	84	84	AB	
5	5025201038	Cholid Junoto	12	10	10	10	10	15	15	10	There is an error at the isBST method.	1	1	1	0	0	1	0	Please pay more attention to the email manner. Excellent!	88	88	A	
6	5025201044	Khariza Azmi Alfajira Hisyam	12	10	10	10	10	15	15	7	There is a slight error at the delete method.	1	1	1	1	1	1	0	Excellent!	89	89	A	
7	5025201066	Gaudhiwaa Hendrasto	12	10	10	10	10	15	15	10	There is an error at the isBST method.	1	1	1	1	1	1	0	Excellent!	92	92	A	
8	5025201068	Ravin Pradhitya	20	10	10	10	10	15	15	10	Excellent!	1	1	1	1	1	1	0	Excellent!	100	100	A	
9	5025201086	Yehezkiel Wiradhika	12	10	10	10	10	15	15	10	There is a slight error at the isBST method	1	1	1	1	1	1	60	Great work!	92	83	AB	
10	5025201090	Luthfiyyah Hanifah Amari	12	10	10	10	5	10	10	7	Error when rebalancing the tree, thus making the insert and delete method not working properly.	1	1	1	1	1	1	0	Good work!	74	74	B	

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			20%	10%	10%	10%	10%	15%	15%	10%			2%	2%	2%	2%	2%						
11	5025201122	Marsyavero Charisyah Putra	12	10	10	8	10	12	12	10	The insert and delete function works properly, but there are slight error in the rebalance methods, thus making the tree not AVL anymore.	1	1	1	1	1	1	0	Great work!	84	84	AB	
12	5025201123	David Fischer Simanjuntak	12	10	10	8	10	12	12	10	The insert and delete function works properly, but there are slight error in the rebalance methods, thus making the tree not AVL anymore.	1	1	1	1	1	1	0	Great work!	84	84	AB	
13	5025201140	Ezekiel Mashal Wicaksono	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	0	0	1	0	Please pay more attention to the email manner. Great work!	85	85	AB	
14	5025201174	Selfira Ayu Sheehan	0	0	0	0	0	0	0	0	No submission.	0	0	0	0	0	0	0	No submission found. Default grade: 61. You can do better!	-10	61	BC	
15	5025201190	Azzura Ferliani Ramadhani	20	10	10	10	10	15	15	10	Excellent!	1	1	1	1	1	1	0	Excellent!	100	100	A	
16	5025201193	Sultan Muhammad Praja	0	0	0	0	0	0	0	0	No submission.	0	0	0	0	0	0	0	No submission found. Default grade: 61. You can do better!	-10	61	BC	
17	5025201219	Antonio Taifan Montana	20	10	10	10	10	15	15	10	Excellent!	1	1	1	1	1	1	0	Excellent!	100	100	A	
18	5025201257	Sastiara Maulikh	20	10	10	10	10	15	15	10	Excellent!	1	1	1	0	0	1	0	Please pay more attention to the email manner. Excellent!	96	96	A	
19	5025201263	Rachel Anggieuli Amalia Patorong	20	10	10	10	10	15	15	10	Excellent!	1	1	1	1	1	1	0	Excellent!	100	100	A	
20	5025201264	Muhammad Andi Akbar Ramadhan	20	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	97	97	A	
21	5025211028	Keysa Anadea Aqiva Ajie	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	89	89	A	
22	5025211046	Alfan Lukeyan Rizki	12	10	10	10	10	15	15	10	There is an error at the isBST method.	1	1	1	1	1	1	0	Excellent!	92	92	A	
23	5025211047	Akmal Sulthon Fathulloh	12	10	10	10	10	15	15	10	There is an error at the isBST method.	1	1	1	1	1	1	0	Excellent!	92	92	A	
24	5025211055	Heru Dwi Kurniawan	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	89	89	A	

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			20%	10%	10%	10%	10%	15%	15%	10%			2%	2%	2%	2%	2%						
25	5025211083	Bernisko Fancy Aljunez P.	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	0	0	1	60	Please pay more attention to the due date. Great work!	85	76	AB	
26	5025211123	Urdhanaka Aptanagi	20	10	10	10	5	7	7	6	Empty root access error. Please be more careful	1	1	1	1	1	1	0	Good work!	75	75	B	
27	5025211150	Jawahirul Wildan	20	7	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	94	94	A	
28	5025211162	Darren Prasetya	20	10	10	10	10	15	15	10	Excellent!	1	1	1	1	1	1	0	Excellent!	100	100	A	
29	5025211164	Muhammad Febriansyah	12	10	10	10	10	15	15	10	There is a slight error at the isBST method	1	1	1	1	1	1	0	Excellent!	92	92	A	
30	5025211170	Mohammad Ahnaf Fauzan	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB and isBST method.	1	1	1	1	1	1	0	Excellent!	89	89	A	
31	5025211188	Akmal Ariq Romadhon	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB and isBST method.	1	1	1	1	1	1	0	Excellent!	89	89	A	
32	5025211228	Muhammad Rifqi Fadhilah	12	10	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	89	89	A	
33	5025211230	Akhmad Mustofa Solikin	12	5	5	5	5	8	8	5	The programm can't run due to undefined errors.	1	1	1	0	0	1	0	Please be more careful because one mistake can affect the other function. You can do better!	49	61	BC	
34	5025211255	Ilham Insan Wafi	12	7	10	10	10	15	15	7	There is a slight error at the deleteHB method.	1	1	1	1	1	1	0	Excellent!	86	86	A	
Minimum			0	0	0	0	0	0	0	0										-10	61	BC	
Maximum			20	10	10	10	10	15	15	10										100	100	A	
Average			13.06	8.65	8.97	8.65	8.38	12.41	12.41	7.50										78.56	84.65	AB	

Category	Amount	Percentage
A	20	59%
AB	6	18%
B	2	6%
BC	6	18%
C	0	0%
D	0	0%
E	0	0%
Total	34	100%