

IF184401 Design & Analysis of Algorithms (E)

Quiz 2

Starting date:	18 March 2020
Deadline:	25 March 2020, 23:59 WIB. Penalty: 0.15% of grade/minute of tardiness.
Exam type:	Open, Teamwork (max 3 students/team, it can be from class D only, class E only, or the combination of class D & E)
Send to:	MM Irfan Subakti <yifana@gmail.com> CC to Christopher Andrew <andrew.public107@gmail.com> & Karina Soraya Puspitasari <karinasoraya.ks@gmail.com> with the subject: IF184401_DAA(E)_Q2_Names
File type and format:	A full report of the design & analysis of algorithms; source code, output and analysis; in PDF format. Please email your group <i>GitHub link</i> to our emails above.
Filename format:	IF184401_DAA(E)_Q2_Names.PDF

Instruction

Please do these steps as in the following.

1. Make a team/group (max 3 students/team) by filling your team information at intip.in/DAA2020. The team's members can be from class D only, class E, or the combination of class D & E.
2. You are free to make any computer program for your group project (e.g., game, start-up, etc.). However, you have to implement any algorithms (e.g., DFS, BFS, DAG, Dijkstra, Bellman-Ford, etc.) that have been taught in our lecture. For instance, a game which determines the closest distance, minesweeper game or web application that examines the minimum distance for sending the goods from one point to another point.
3. You are free to use any programming language (e.g., C/C++, Java, Python, etc.).
4. To appreciate your contributions, the project must be uploaded on *GitHub* (your grades will be based on these contributions).
5. To avoid plagiarism/cheating, every student needs to pledge and declare, then she/he must submit her/his **signed pledge and declaration** as in the following. Failed to do so will be resulted in getting 0 (zero) grade. Attach the **scanned/photo** of your *declaration* in your report.

“By the name of Allah (God) Almighty, herewith I pledge and truly declare that I have solved quiz 2 by myself, didn’t do any cheating by any means, didn’t do any plagiarism, and didn’t accept anybody’s help by any means. I am going to accept all of the consequences by any means if it has proven that I have been done any cheating and/or plagiarism.”

[Place, e.g., Surabaya], [date, e.g., 25 March 2020]

<Signed>

[Full name, e.g.,
Lestari Kusumawati]
[StudentID, e.g.,
05111940000xxx]

<Signed>

[Full name, e.g., Aryo
Kusumo]
[StudentID, e.g.,
05111940000xxx]

<Signed>

[Full name, e.g.,
Pandanwangi]
[StudentID, e.g.,
05111940000xxx]

Also to maintain fairness for your awarded grades, state clearly in your declaration, the percentage of works and the contribution(s) for each member in your group, e.g., Lestari 33.33% [state Lestari contribution(s) here], Aryo 33.33% [state Aryo’s contribution(s)], and [Pandanwangi 33.33% [state Pandanwangi’s contribution(s) here].

6. Have a wonderful day, guys! Good luck! 😊