

Regarding C++ and Java Assignments and Minor project in C++ / Java

You are supposed to submit both Assignments files and Minor project files to the following mail by **10th May 2020**

My new gmail: devimandalika.2020@gmail.com

Go through and strictly adhere to the following guidelines.

1. Regarding C++ and Java Assignments submission.

- If assignment sheets are not available, include all those problems you solved including class examples. It can vary from candidate to candidate.
- Two separate files (with .C++ and .JAVA programs) are to be there.
- Include for each file the list of problems solved.
- Mention the compiler used and the version of the compiler (if any).

Each program listing is followed by sample input and sample output.

2. Regarding C++ / JAVA minor project

As already minor projects are assigned or decided to each candidate, you are supposed to work on that only. Just like that you cannot change the project.

A lot of emphasis was given on how to write the project report starting from the beginning. It is expected that you follow the guidelines. For ready reference I am giving you the guidelines to be followed while writing the project report.

- **Title of the project**
- **Certificate** mentioning that you have not copied anything in the report from anywhere and the work performed is not already submitted for any other project or assignment.
- **Abstract** or About the project: In this include one page write up on what you have done in the project starting from why it is important, who can use the project, what are the techniques used, how it is tested, what data is used for testing, what are the result of testing and what is your conclusion about it, how it can be improved etc.
- **Introduction:** In this include the interpretation of the title, why it is required, who are the users or for whom it is useful. Also include the goal of the project and three or four objectives to be achieved to reach the goal.
- **Design:** Include in this how you achieved each objective, what methodology is used, what techniques are used, or details of algorithm(s) used. You can use Data flow diagram, Entity Relationship diagrams, UML (Unified Modeling Language) diagrams or any other to explain the methodology or flow of control in a structured way.

- **Implementation:** Here the structured program code of the methods or algorithms mentioned in the design is to be included. Include as many comments as required in the code. You are also supposed to explain some important parts of the code. Error controls (if any) used are to be explained here.
- **Testing:** Here include what data is used for testing (keyboard input only, or files only or both keyboard input and files also), complete listing of files used for testing. Whether you are getting desired results or with which accuracy, you are getting the results are to be mentioned. You can show the screenshots when the project is executed. You can briefly explain the screen shots also.
- **Conclusions and scope for further work:** In this include overall what are your comments or observations or what you have achieved in the project. Scope for further work includes how it can be improved or extended.
- **References:** Include Research papers, websites, and books you referred. When Research papers or books are referred, include the following format.
Author, title, publisher and year

**Write in the report everything related to the work performed for the project only.
Copying from any website or book or from any other source is strictly prohibited.**