

PRO MODE

Coding & Debugging competition by SCIENTILLA IT Club of BCA Dept

Venue:	Computer Lab
Date:	22nd Feb 2022
Time:	1:30 to 3:30 PM
IT Club coordinators:	Jishnu Raj, Muhammed Nafih, Arghaya Das Dev

The IT CLUB (SCINTILLA) of the Department of Computer Applications is organizing a Coding and Debugging Competition for all BCA students on 22nd Feb 2022. Interested students can participate and show their coding skills and win exciting prizes. Give your names for the same to the IT Club coordinators.

Instructions

You'll be getting three different programs to perform certain tasks. The program will be containing several syntax and logical errors. All you need to do is to find out all the errors and fix them.

Each of the three questions will be having three different scores depending on their complexity, and you can choose which one to attend first, and which one to attend at last.

Each and every line of code will be having an explanation comment near it, so you can understand the use of each line of coding just by reading the comment written in plain English. This will help you to understand the algorithm even if you're not experienced in programming.

Since students of each year are being currently taught different programming languages, we have given you the option to solve the problem in either C, C++, or Java programming language.

You'll see the same program written in both these three languages inside their respective folders.

Desktop/ProMode/<program_name>/C/<program_name>.c

Desktop/ProMode/<program_name>/CPP/<program_name>.cpp

Desktop/ProMode/<program_name>/Java/<program_name>.java

Remember: Solving the same program's problem in more than one programming language will give you a mark only for any one of the solutions. This competition is all about your debugging and problem-solving skills, not your experience in a specific, or any programming language.

After solving each problem, you must inform the invigilator so that they can make a record of the time when you have finished working on the problem.

If multiple participants score the same points, we will be considering the time of their code submission.

You can use any offline code editor, you can use any of the given three programming languages, and all you have to do is to make as many programs you can, properly executable.

You can see the score for each problem at the 7th line of every program file.

You must enter your name, semester, and section in the documentation section of the program.

A sample is given below for the program documentation.

```
/**
 * @file <program_name>.java
 * @author Anshu Raman (3rd Sem/ B Section)
 * @version 0.1
 * @date 2022-02-22
 *
 * SCORE: 12 pts
 */
```

HAPPY CODING ;)