

2021 High School Coding Competition - *online*

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Website: <https://ypologist.com/mmalita17/contest>

Saturday, April 10, 2021, 9:00 - 11:00 AM

I code therefore I am!

The Coding Contest will be online only and will operate with the following rules:

1. Problems will be posted on our [website](#) on Saturday April 10 at 9:00 AM.
2. Each team (2 students) is recognized by a single email (gmail) provided by the team during team registration (TBA).
 - a. This email will be used for setting up shared Google Drive folders for each team
 - b. For team a123@gmail.com, their folder will be named **a123**
3. Teams must preselect a single programming language for the competition (Java or Python). In other words, all problems (from a single team) must be solved with the same programming language.
4. During the competition:
 - a. Teams may use teleconferencing technology (Zoom, etc.) to communicate with, and only with, their partner. Each student may use a single computer.
 - b. Students may only use printed materials (books, reference sheets, etc.) and are prohibited from using the internet as a resource.
5. Exactly follow the formatting shown in the problem examples.
6. Submission Details:
 - a. Solution files must be named according to the following naming convention
 - [username]Ex[problem number].[extension]
 - For team a123@gmail.com's solution to problem Ex5
 - **a123Ex5.py** or **a123Ex5.java**
 - b. Team a123 uploads their file to their shared folder in Google Drive called a123
7. The jury will review your most recent submission and provide basic feedback (accepted or rejected) as soon as possible by the means of a "ticket" as a new folder.
 - a. For Ex5, the team will see a new sub folder called **Accept5** or **Reject5**
 - b. Jury will also move rejected files into the associated rejected folder
8. The winning team is the team having solved the most problems in the least amount of time.
 - If **a123** and **jay77** have both successfully solved all five problems, we next consider the timestamps of their last submissions. For instance, if **a123** sent **a123Ex5.java** at **9:12 AM** and **jay77** sent **jay77Ex5.py** at **9:24 AM**, then **a123** is the winner.
 - Winners and participants will be posted on our [website](#) the following day.

Python (3.X):

Submission Example:

```
# File: a123Hello.py
def main():
    print ("Hello World!")
main()
```

Accepted Libraries:

- import random
- import math

Java:**Submission Example:**

```
/** File: a123Hello.java*/
public class a123Hello {
    public static void main (String [] args) {
        System.out.println("Hello World!");
    }
}
```

Accepted Libraries:

- import java.util.*;
- You may use multiple classes, but they must be within a single file!!
 - Tip: Only the class with main() should be declared public

Possible reasons for being rejected:

1. Misnamed File
2. Syntax Error (use of package in Java).
3. Incorrect Output
4. Improper Output Formatting
5. Use of Unapproved Library/Import
6. Deadline (Time) overdue
7. File is not source file
8. Program takes too long to run
9. ..

Jury will not specify the error type.
You will receive just a **Reject#problem** ticket!

Good luck!