

Title: Writing Your First Python Program: "Hello World"

Description: In this practical, students will learn how to write and run their first Python program using an online compiler. The program will display the text "Hello, World!" on the screen, introducing them to basic programming concepts.

Purpose: The purpose of this exercise is to introduce students to the fundamentals of programming by writing a simple Python program.

Understanding how to write and execute a basic program is the first step in learning how to code. This practical helps students gain confidence in using programming tools and prepares them for more complex coding tasks in the future.

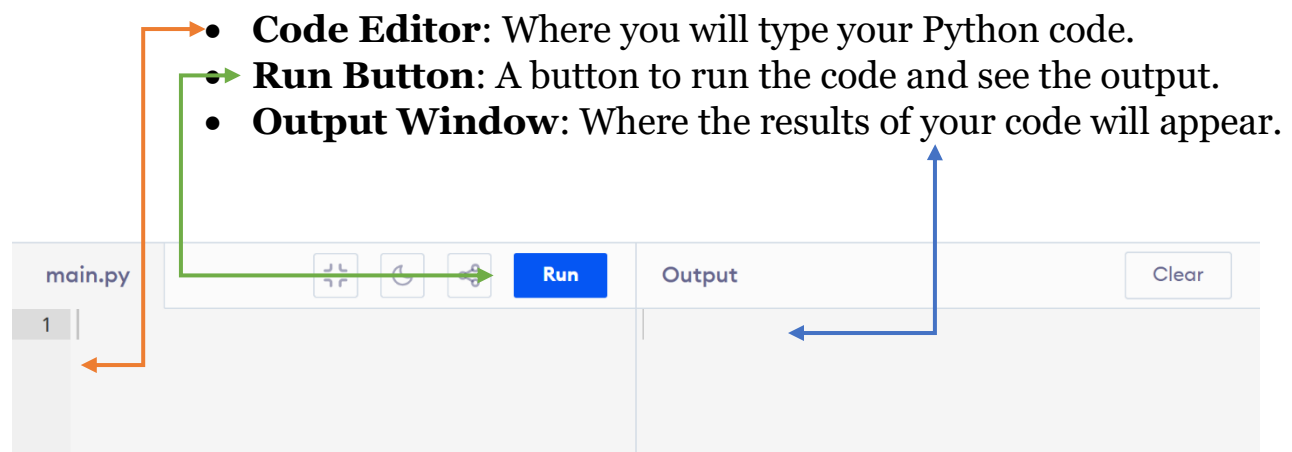
Steps:

1. Access the Online Python Compiler:

- Open any web browser on your computer.
- In the search bar, type "programiz python online compiler" and press Enter.
- Click on the link for [Programiz Python Online Compiler](#).
- Wait for the online compiler page to load.

2. Familiarize Yourself with the Interface:

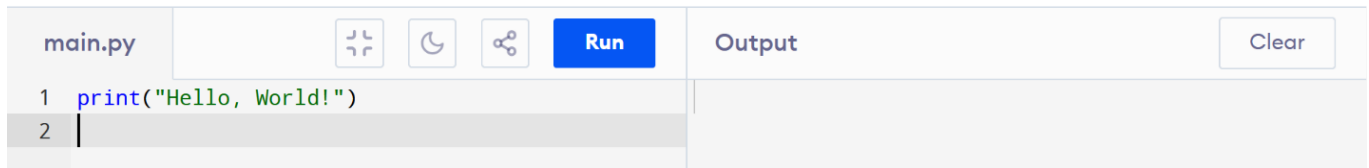
- Once the page has loaded, You will see the following sections



3. Write the Python Code:

- Click inside the code editor to place the cursor.
- Type the following code in Code editor

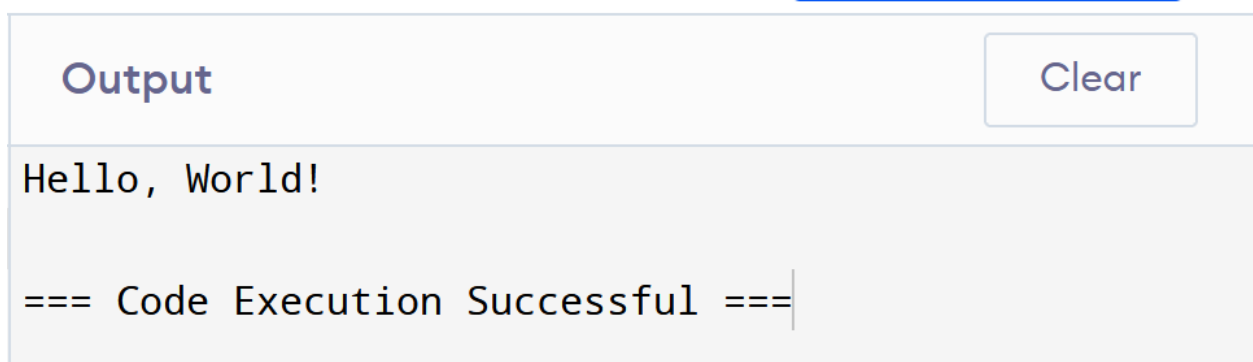
`print("Hello, World!")`



- Ensure that the code is typed exactly as shown, including the quotation marks and parentheses.

4. Run the Python Code:

- After typing the code, locate the "Run" button on the interface.
- Click the "Run" button to execute your code.
- Look at the output window below the code editor. It should display:



5. Understand the Output:

- Output window has the result of the program.
- The code `print("Hello, World!")` tells the computer to display the words "Hello, World!" on the screen.

6. Review and Experiment:

- Change "Hello, World!" to your own name or any other text.
- For example, you can modify the code to:

```
print("Hello, Rahul!")
```

- Click "Run" again to see the new output.

Experiment with different messages within the print code and observe the output.