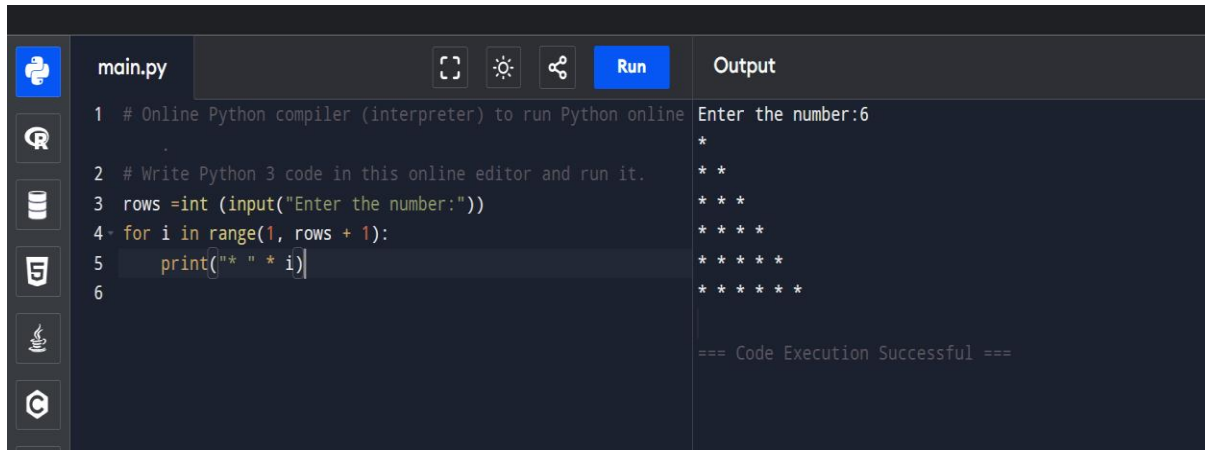


### Q1-lower triangle

```
rows = int(input("Enter the number:"))//take the input from the users
```

```
for i in range(1, rows + 1):
```

```
    print("* " * i)
```



The screenshot shows an online Python compiler interface. The code editor on the left contains the following Python code:

```
1 # Online Python compiler (interpreter) to run Python online
2 # Write Python 3 code in this online editor and run it.
3 rows = int(input("Enter the number:"))
4 for i in range(1, rows + 1):
5     print("* " * i)
6
```

The output panel on the right shows the input "Enter the number:6" and the resulting lower triangle of stars:

```
*
* *
* * *
* * * *
* * * * *
* * * * * *
```

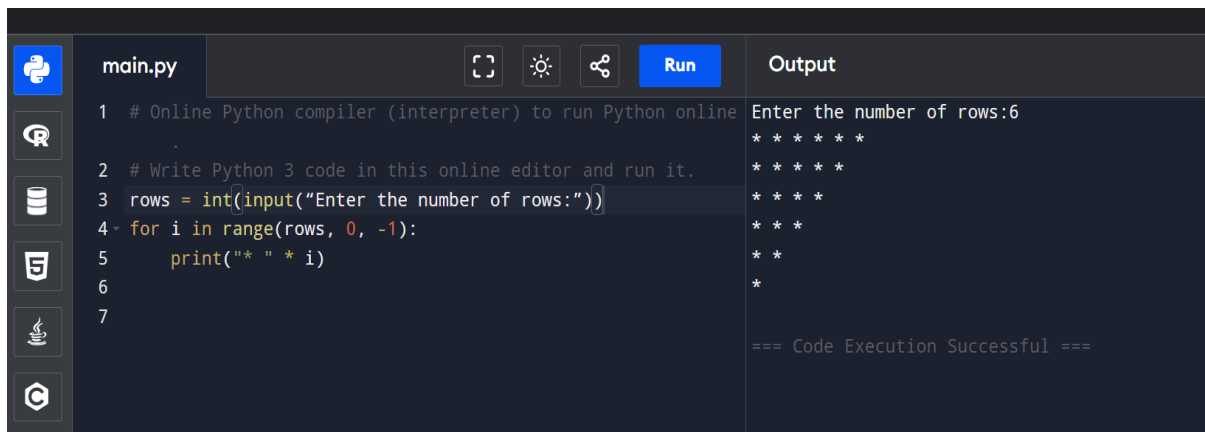
Below the output, it says "=== Code Execution Successful ===".

### Q2-upper triangle

```
rows = int(input("Enter the number of rows:"))
```

```
for i in range(rows, 0, -1):
```

```
    print("* " * i)
```



The screenshot shows an online Python compiler interface. The code editor on the left contains the following Python code:

```
1 # Online Python compiler (interpreter) to run Python online
2 # Write Python 3 code in this online editor and run it.
3 rows = int(input("Enter the number of rows:"))
4 for i in range(rows, 0, -1):
5     print("* " * i)
6
7
```

The output panel on the right shows the input "Enter the number of rows:6" and the resulting upper triangle of stars:

```
* * * * *
* * * *
* * *
* *
*

```

Below the output, it says "=== Code Execution Successful ===".

### Q3-Pyramid triangle

```
rows = int(input("Enter the number rows: "))
```

```
for i in range(1, rows + 1):
```

```
    print(" " * (rows - i) + "*" * i)
```



The screenshot shows an online Python compiler interface. At the top, the URL "onlinegdb.com/online\_python\_compiler" is visible. Below the URL bar is a toolbar with buttons for "Run", "Debug", "Stop", "Share", "Save", "Beautify", and a download icon. The main editor area displays a Python script named "main.py" with the following code:

```
1 rows = int(input("Enter the number rows: "))
2 for i in range(1, rows + 1):
3     print(" " * (rows - i) + "*" * i)
```

Below the code editor, the console output is shown. It starts with the prompt "Enter the number rows: 5". The output then displays a pyramid triangle of stars:

```

 *
 * *
 * * *
 * * * *
 * * * * *
```

At the bottom of the console, it says "...Program finished with exit code 0" and "Press ENTER to exit console."