main.py

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Output

```
num = float(input("Given Number: "))
print("Square Number:", num**2)
print("Cube Number:", num**3)

```

```
Given Number: 6
Square Number: 36.0
Cube Number: 216.0

=== Code Execution Successful ===
```

Python Online Compiler

main.py

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```
1  ch = input("Enter the Character to be printed: ")
2  rows = int(input("Number of rows: "))
3
4  for i in range(1, rows + 1):
5      print((ch + " ") * i)
6
```

Output

Clear

```
Enter the Character to be printed: 9
Number of rows: 8
9
9 9
9 9 9
9 9 9 9
9 9 9 9 9
9 9 9 9 9 9
9 9 9 9 9 9 9
9 9 9 9 9 9 9 9

=== Code Execution Successful ===
```

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```
A = int(input("A = "))
B = int(input("B = "))

for i in range(1, B + 1):
    print(f"{A} x {i} = {A * i}")

```

Output Clear

```
A = 6
B = 5
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 4 = 24
6 x 5 = 30

=== Code Execution Successful ===
```

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main.py

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Output

Clea

```python
year = int(input("Enter a year: "))

if (year % 400 == 0) or (year % 4 == 0 and year % 100 != 0):
    print("Leap Year")
else:
    print("Not a Leap Year")

```

```
Enter a year: 2028
Leap Year

=== Code Execution Successful ===
```

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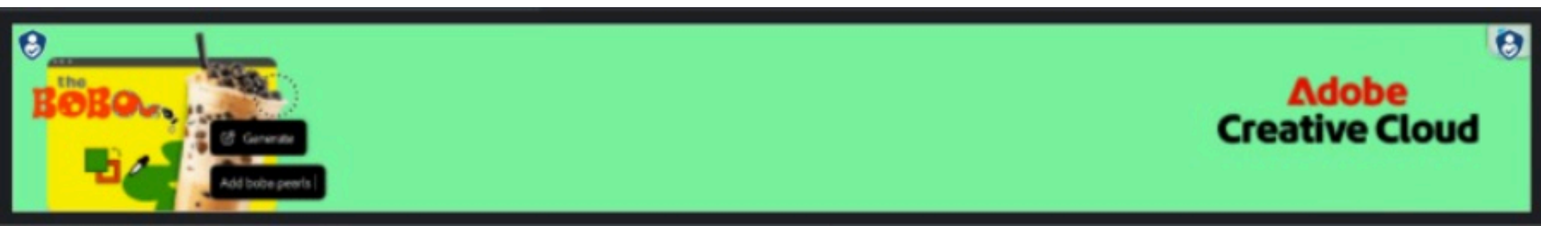
Python Online Compiler



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main.py

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Run

Output

Clear

```
1  array = [1, 2, 3, 4, 1]
2  duplicate_array = list(set(array))
3  print("duplicate array =", duplicate_array)
4
```

```
duplicate array = [1, 2, 3, 4]

=== Code Execution Successful ===
```

main.py

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Run

Output

```python
num = int(input("Enter a number: "))

if num > 0:
    print("Positive")
elif num < 0:
    print("Negative")
else:
    print("Zero")

```

```
Enter a number: 98
Positive

=== Code Execution Successful ===
```

main.py

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Run

Output

```python
from statistics import mean, median, mode

data = [12, 45, 83, 92]
average = (mean(data) + median(data) + mode(data)) / 3
print(int(average))

```

```
44


=== Code Execution Successful ===
```

main.py

Share

Run

Output

```python
arr = [1, 8, 3, 4, 0]
arr.sort(reverse=True)
print(arr)
```

```
[8, 4, 3, 1, 0]

=== Code Execution Successful ===
```

main.py

Share

Run

Output

```
tuple1 = (2, 3, 4, 5)
tuple2 = (3, 4, 8, 6)

intersection = tuple(i for i in tuple1 if i in tuple2)
print(intersection)

```

```
(3, 4)

=== Code Execution Successful ===
```

main.py

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```python
pos_sum = neg_sum = pos_count = neg_count = 0

while True:
    num = int(input())
    if num == -1:
        break
    if num > 0:
        pos_sum += num
        pos_count += 1
    elif num < 0:
        neg_sum += num
        neg_count += 1

print("avg negative number is", neg_sum // neg_count)
print("avg positive number is", pos_sum // pos_count)
```

Output

```
7
-2
9
-8
-6
-4
10
-1
avg negative number is -5
avg positive number is 8
    ===code execution sucessful===
```