

ITFA Assignment 11

The screenshot shows the Programiz Python Online Compiler interface. At the top, there is a banner for "BLACK NOVEMBER" with a "Get 83% off PRO" offer, ending in 15h:22m:31s. A "Start FREE trial" button is also visible. Below the banner, the Programiz logo and "Python Online Compiler" text are displayed. The main area is divided into two panels: a code editor on the left and an output panel on the right. The code editor contains a Python script named "main.py" that prompts the user for a question number, two values (a and b), and an operator. It then performs the corresponding arithmetic operation (addition, subtraction, multiplication, or division) and prints the result. The output panel shows the prompt "Enter Value of a :". The Windows taskbar at the bottom indicates the time is 7:37 PM on 11/17/2025.

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 1.
3 a = int(input("Enter Value of a : "))
4 b = int(input("Enter Value of b : "))
5 operator = int(input("Enter Operator:\n1.Sum\n2.Subtract\n3.
.Multiply\n"))
6 if operator == 1:
7     sum = a + b
8     print("Result = ", sum)
9 elif operator == 2:
10    subtr = a - b
11    print("Result = ", subtr)
12 elif operator == 3 :
13    mult = a*b
14    print("Result = ", mult)
15 else:
16    print("Invalid Input")
17
```

This screenshot is identical to the one above, showing the Programiz Python Online Compiler interface. The code editor contains the same Python script for arithmetic operations. The output panel shows the prompt "Enter Value of a :". The Windows taskbar at the bottom indicates the time is 7:37 PM on 11/17/2025.

```
5 operator = int(input("Enter Operator:\n1.Sum\n2.Subtract\n3.
.Multiply\n"))
6 if operator == 1:
7     sum = a + b
8     print("Result = ", sum)
9 elif operator == 2:
10    subtr = a - b
11    print("Result = ", subtr)
12 elif operator == 3 :
13    mult = a*b
14    print("Result = ", mult)
15 else:
16    print("Invalid Input")
17
```

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Programiz

Python Online Compiler

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main.py

Run

Share

Output

Clear

```
1 # Python Program to calculate the sum of numbers
2 # Get user input for operator and numbers
3 operator = input("Enter Operator:\n1.Sum\n2.Subtract\n3.Multiply\n")
4
5 operator = int (input("Enter Operator:\n1.Sum\n2.Subtract\n3.Multiply\n"))
6
7 if operator == 1:
8     sum = a + b
9     print("Result = ", sum)
10 elif operator == 2:
11     subtr = a - b
12     print("Result = ", subtr)
13 elif operator == 3 :
14     mult = a*b
15     print("Result = ", mult)
16 else:
17     print("Invalid Input")
```

Enter Value of a : 2
Enter Value of b : 2
Enter Operator:
1.Sum
2.Subtract
3.Multiply
1
Result = 4

=== Code Execution Successful ===

Activate Windows
Go to Settings to activate Windows.

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Share

Output

Clear

```
1 # Python Program to calculate the sum of numbers
2 # Get user input for operator and numbers
3 operator = input("Enter Operator:\n1.Sum\n2.Subtract\n3.Multiply\n")
4
5 operator = int (input("Enter Operator:\n1.Sum\n2.Subtract\n3.Multiply\n"))
6
7 if operator == 1:
8     sum = a + b
9     print("Result = ", sum)
10 elif operator == 2:
11     subtr = a - b
12     print("Result = ", subtr)
13 elif operator == 3 :
14     mult = a*b
15     print("Result = ", mult)
16 else:
17     print("Invalid Input")
```

Enter Value of a : 2
Enter Value of b : 2
Enter Operator:
1.Sum
2.Subtract
3.Multiply
2
Result = 0

=== Code Execution Successful ===

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Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 2.
3 #array declare
4 my_list = []
5
6 #generating own list
7 for i in range(1, 11):
8     my_list.append(i)
9
10 print("Generated List:", my_list)
11 print("Length of the list is:", len(my_list))
12
```

Output

Generated List: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
Length of the list is: 10

=== Code Execution Successful ===

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Programiz

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main.py

Run

Share

Clear

```
5 operator = int (input("Enter Operator:\n1.Sum\n2.Subtract\n3
.Multiply\n"))
6 if operator == 1:
7     sum = a + b
8     print("Result = " , sum)
9 elif operator == 2:
10    subtr = a - b
11    print("Result = " , subtr)
12 elif operator == 3 :
13    mult = a*b
14    print("Result = " , mult)
15 else:
16    print("Invalid Input")
17
```

Output

Enter Value of a : 10
Enter Value of b : 20
Enter Operator:
1.Sum
2.Subtract
3.Multiply
3
Result = 200

=== Code Execution Successful ===

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Run

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Output

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 3.
3 my_list = [10, 20, 30, 40, 50]
4
5 total = sum(my_list)
6
7 print("Sum of the list is:", total)
8
9
```

Sum of the list is: 150

=== Code Execution Successful ===

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2

Search

zm

42

O

DEV

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main.py

Run

Share

Output

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 3.
3 sentence = input("Enter a sentence: ")
4 word = "python"
5
6 if word in sentence:
7     print("The sentence contains the word " , word)
8 else:
9     print("The sentence doesnot contain the word" ,word)
10
```

Enter a sentence: I am learning python programming
The sentence contains the word python

=== Code Execution Successful ===

Activate Windows
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2

Search

zm

42

O

DEV

W

X

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main.py

Run

Share

Output

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 3.
3 sentence = input("Enter a sentence: ")
4 word = "python"
5
6 if word in sentence:
7     print("The sentence contains the word " , word)
8 else:
9     print("The sentence doesnot contain the word" ,word)
10
```

Enter a sentence: my name is arbish

The sentence doesnot contain the word python

=== Code Execution Successful ===

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main.py

Run

Share

Output

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 5.
3
4 num1 = int (input("Enter Number 1 :"))
5 num2 = int (input("Enter Number 2 :"))
6 num3 = int (input("Enter Number 3 : "))
7
8 sum = num1+num2+num3
9 average = sum/3
10
11 print("Average = " ,average)
```

Enter Number 1 :2

Enter Number 2 :2

Enter Number 3 : 2

Average = 2.0

=== Code Execution Successful ===

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main.py

Run

Share

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 6.
3
4 fruits = [ "apple" , "banana" , "mango" ,"orange" ,"peach"]
5
6 index= int (input("Enter index(0-4)"))
7
8 print(fruits[index])
```

Output

Clear

```
Enter index(0-4)2
mango

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

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2

Search

zlm

ENG

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Python Online Compiler

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main.py

Run

Share

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 7.
3
4 num1 = int(input("Enter number 1: "))
5 num2 = int(input("Enter number 2: "))
6 num3 = int(input("Enter number 3: "))
7
8 if num1 < num2 and num1 < num3:
9     print("Smallest =", num1)
10 elif num2 < num1 and num2 < num3:
11     print("Smallest =", num2)
12 else:
13     print("Smallest =", num3)
```

Output

Clear

```
Enter number 1: 3
Enter number 2: 2
Enter number 3: 4
Smallest = 2

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

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2

Search

zlm

ENG

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main.py

Run

Output

Clear

1 # Arbish Tehseen CT-25053
2 # Question Number : 8
3
4 num = int(input("Enter number 1: "))
5
6 if num > 0:
7 print("The number is positive")
8 elif num < 0:
9 print("The number is negative")
10 else:
11 print("The number is Zero")
12

Enter number 1: 3
The number is positive

=== Code Execution Successful ===

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main.py

Run

Output

Clear

1 # Arbish Tehseen CT-25053
2 # Question Number : 8
3
4 num = int(input("Enter number 1: "))
5
6 if num > 0:
7 print("The number is positive")
8 elif num < 0:
9 print("The number is negative")
10 else:
11 print("The number is Zero")
12

Enter number 1: -9
The number is negative

=== Code Execution Successful ===

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main.py

Share

Run

Output

Clear

```
1 # Arbish Tehseen CT-25053
2 # Question Number : 8
3
4 num = int(input("Enter number 1: "))
5
6 if num > 0:
7     print("The number is positive")
8 elif num < 0:
9     print("The number is negative")
10 else:
11     print("The number is Zero")
12
```

```
Enter number 1: 0
The number is Zero

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

Activate Windows
Go to Settings to activate Windows.

2

Search

z

ENG

8:02 PM
11/17/2025