

# ITFA Assignment 11

```
main.py
1 # Arshieen 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    subt = a - b
11    print("Result = " , subt)
12 elif operator == 3 :
13     mult = a*b
14     print("Result = " , mult)
15 else:
16     print("Invalid Input")
17
```

```
main.py
1 # Arshieen CT-25053
2 # Question Number : 1.
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13     mult = a*b
14     print("Result = " , mult)
15 else:
16     print("Invalid Input")
17
```

The screenshot shows a browser window with the URL [programiz.com/python-programming/online-compiler/](https://programiz.com/python-programming/online-compiler/). The interface includes a top banner for 'BLACK NOVEMBER' with a 'Get 83% off PRO' offer and a timer 'Ends in 15h:22m:20s'. The main area features the 'Programiz Python Online Compiler'. On the left is a code editor with 'main.py' containing a script that prompts for two numbers and an operator, then prints the result. On the right is an 'Output' panel showing the execution results. The output shows the user entering values for 'a' and 'b', selecting the 'Multiply' operator, and receiving a result of 4. A message at the bottom right says 'Activate Windows Go to Settings to activate Windows.' The system tray at the bottom indicates it's 7:37 PM on 11/17/2025.

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

Output

```
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.

This screenshot is nearly identical to the one above, showing the same Python code being run on the Programiz online compiler. The output shows the user entering values for 'a' and 'b', selecting the 'Multiply' operator, and receiving a result of 4. A message at the bottom right says 'Activate Windows Go to Settings to activate Windows.' The system tray at the bottom indicates it's 7:37 PM on 11/17/2025.

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

Output

```
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.

The screenshot shows a browser window with the URL [programiz.com/python-programming/online-compiler/](https://programiz.com/python-programming/online-compiler/). The page features a black header with a 'BLACK NOVEMBER' sale banner, a 'Get 83% off PRO' offer, and a 'Start FREE trial →' button. Below the header is the Programiz logo and 'Python Online Compiler' text. The main area has a dark theme with a code editor on the left and an output console on the right. The code editor contains the following Python script:

```
1 # Arish 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
```

The output console displays the results of running the script:

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

At the bottom of the page, there is an 'Activate Windows' message with a link to settings.

This screenshot is from the same website and browser setup as the first one. It shows a different Python script being run:

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

The output console shows the user interacting with the program:

```
Enter Value of a : 10
Enter Value of b : 20
Enter Operator:
1.Sum
2.Subtract
3.Multiply
3
Result =  200
--- Code Execution Successful ---
```

Again, an 'Activate Windows' message is present at the bottom.

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main.py

```
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)
```

Output

```
Sum of the list is: 150
== Code Execution Successful ==
```

Activate Windows  
Go to Settings to activate Windows.

7:44 PM 11/17/2025

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Programiz PRO >

main.py

```
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
```

Output

```
Enter a sentence: I am learning python programming
The sentence contains the word  python
== Code Execution Successful ==
```

Activate Windows  
Go to Settings to activate Windows.

7:48 PM 11/17/2025

The screenshot shows a browser window with the URL [programiz.com/python-programming/online-compiler/](https://programiz.com/python-programming/online-compiler/). The page features a black header with a 'BLACK NOVEMBER' sale banner, a 'Get 83% off PRO' offer, and a 'Start FREE trial →' button. The main area is titled 'Programiz Python Online Compiler'. On the left, there's a sidebar with various icons for file operations like Open, Save, Print, Copy, Paste, etc. The code editor on the left contains the following Python script:

```
main.py
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
```

The output window on the right shows the results of running the script:

```
Enter a sentence: my name is arbish
The sentence doesnot contain the word python
--- Code Execution Successful ---
```

At the bottom right, there's a message: "Activate Windows Go to Settings to activate Windows." The system tray at the very bottom shows standard Windows icons and the date/time: 7:48 PM 11/17/2025.

This screenshot is nearly identical to the first one, showing the same browser window and online compiler interface. The only difference is the code in the editor and its output. The code editor now contains:

```
main.py
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)
```

The output window shows the results of running the script, prompting for three numbers and then calculating their average:

```
Enter Number 1 :2
Enter Number 2 :2
Enter Number 3 : 2
Average =  2.0
--- Code Execution Successful ---
```

Again, the "Activate Windows" message is present at the bottom right, along with the system tray showing 7:51 PM 11/17/2025.

The screenshot shows a browser window with three tabs: "Lab 11", "Home - Google Drive", and "Online Python Compiler (Interp)". The main content is the Programiz Python Online Compiler. A banner at the top says "BLACK NOVEMBER Get 83% off PRO" with a timer "Ends in 15h:05m:38s". Another banner on the right says "Are you struggling to build your coding confidence or land your first job? Fast-track to your first pay-check." with a "Start FREE trial →" button. The compiler interface has a sidebar with icons for file operations like Open, Save, and Run. The code editor contains the following Python script:

```
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])
```

The output window shows the result of running the code:

```
Enter index(0-4)2
mango
--- Code Execution Successful ---
```

At the bottom right, there's a message: "Activate Windows Go to Settings to activate Windows." The system tray at the bottom shows various icons and the date/time: 7:54 PM 11/17/2025.

This screenshot is nearly identical to the one above, showing the same browser setup and Programiz interface. The main difference is the timer in the top banner, which now reads "Ends in 14h:58m:46s". The code and its execution output remain the same:

```
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)
```

```
Enter number 1: 3
Enter number 2: 2
Enter number 3: 4
Smallest = 2
--- Code Execution Successful ---
```

The "Activate Windows" message and system tray are also present.

The screenshot shows a browser window with three tabs: "Lab 11", "Home - Google Drive", and "Online Python Compiler (Interp)". The main content is the Programiz Python Online Compiler. It features a dark-themed interface with a purple header. The header includes a "BLACK NOVEMBER" sale banner, a timer "Ends in 14h:57m:36s", and a "Start FREE trial →" button. Below the header, the Programiz logo and "Python Online Compiler" are displayed. The code editor on the left contains a file named "main.py" with the following content:

```
1 # Arshieen 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")
```

The "Run" button is highlighted in blue. To the right, the "Output" panel shows the execution results:

```
Enter number 1: 3
The number is positive
--- Code Execution Successful ---
```

At the bottom right of the output panel, there is a message: "Activate Windows Go to Settings to activate Windows." The system tray at the bottom of the screen shows various icons and the date/time: 8:02 PM 11/17/2025.

This screenshot is nearly identical to the one above, showing the same browser setup and Programiz interface. The only difference is the input value provided in the code editor: "main.py" now contains "9" instead of "3". The output panel reflects this change:

```
Enter number 1: 9
The number is positive
--- Code Execution Successful ---
```

The rest of the interface, including the "Activate Windows" message and the system tray, remains the same.

The screenshot shows a browser window with three tabs: "Lab 11", "Home - Google Drive", and "Online Python Compiler (Interp)". The main content is from programiz.com/python-programming/online-compiler/. A banner at the top offers a 83% off PRO deal until November 14h:57m:22s. Below the banner, the Programiz logo and "Python Online Compiler" are displayed. On the left, there's a sidebar with various icons. The main area has a "main.py" code editor containing the following Python code:

```
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")
```

To the right is an "Output" panel showing the execution results:

```
Enter number 1: 0
The number is Zero
--- Code Execution Successful ---
```

At the bottom right, there's a message: "Activate Windows Go to Settings to activate Windows." The system tray at the bottom of the screen shows various icons and the date/time: 11/17/2025, 8:02 PM.