



Department of CSE, IIUC

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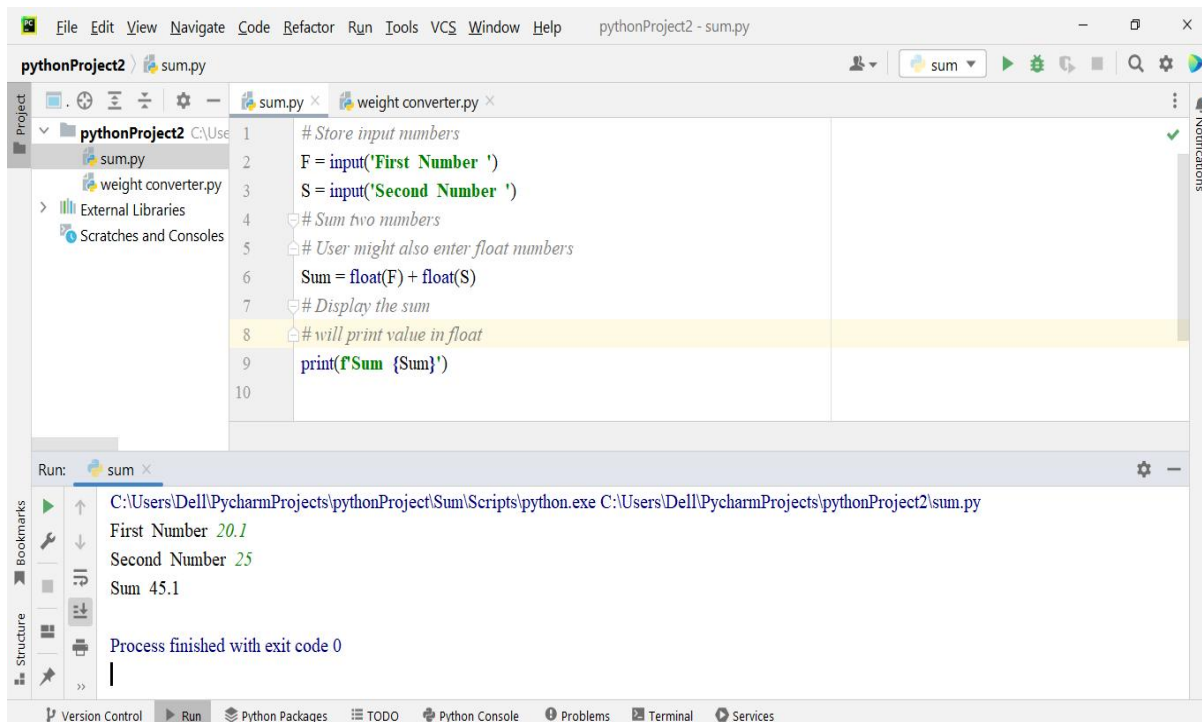
Assistant Lecturer

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International Islamic University Chittagong

Task 1

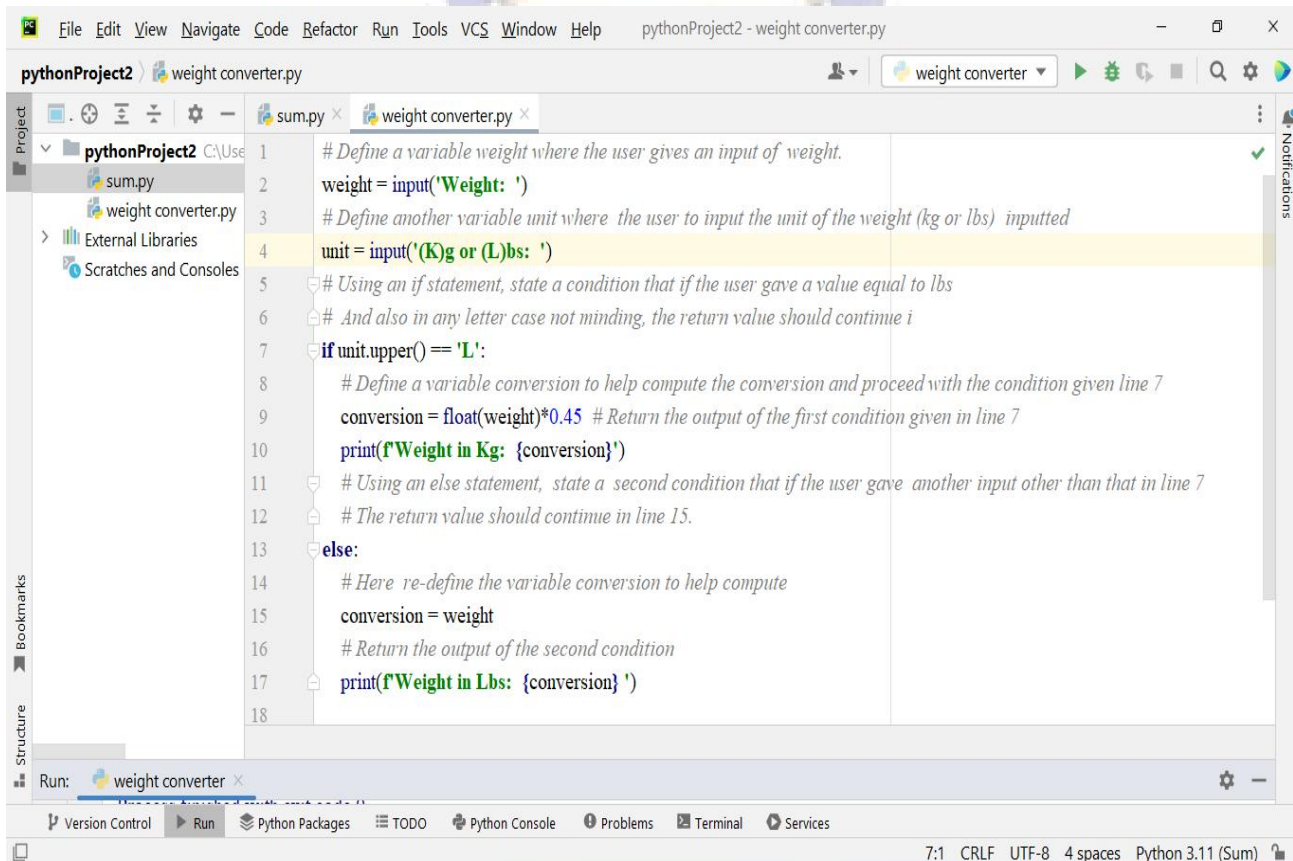


```
pythonProject2 - sum.py
pythonProject2 C:\Users\...
sum.py
weight converter.py
External Libraries
Scratches and Consoles

1 # Store input numbers
2 F = input('First Number ')
3 S = input('Second Number ')
4 # Sum two numbers
5 # User might also enter float numbers
6 Sum = float(F) + float(S)
7 # Display the sum
8 # will print value in float
9 print(f'Sum {Sum}')
10

Run: sum
C:\Users\...\python.exe C:\Users\...\pythonProject2\sum.py
First Number 20.1
Second Number 25
Sum 45.1
Process finished with exit code 0
```

Task 2



```
pythonProject2 - weight converter.py
pythonProject2 C:\Users\...
sum.py
weight converter.py
External Libraries
Scratches and Consoles

1 # Define a variable weight where the user gives an input of weight.
2 weight = input('Weight: ')
3 # Define another variable unit where the user to input the unit of the weight (kg or lbs) inputted
4 unit = input('(K)g or (L)bs: ')
5 # Using an if statement, state a condition that if the user gave a value equal to lbs
6 # And also in any letter case not minding, the return value should continue i
7 if unit.upper() == 'L':
8     # Define a variable conversion to help compute the conversion and proceed with the condition given line 7
9     conversion = float(weight)*0.45 # Return the output of the first condition given in line 7
10    print(f'Weight in Kg: {conversion}')
11    # Using an else statement, state a second condition that if the user gave another input other than that in line 7
12    # The return value should continue in line 15.
13 else:
14     # Here re-define the variable conversion to help compute
15     conversion = weight
16     # Return the output of the second condition
17    print(f'Weight in Lbs: {conversion} ')
18

Run: weight converter
Process finished with exit code 0
```

Output

The image displays three sequential screenshots of the PyCharm Run window, showing the output of a Python script named 'weight converter.py'. Each screenshot includes a toolbar on the left with icons for running, stepping through, and debugging the code, as well as a bottom status bar with tabs for Version Control, Run, Python Packages, TODO, Python Console, Problems, Terminal, and Services.

First Screenshot: The command executed is `C:\Users\De11\PycharmProjects\pythonProject\Sum\Scripts\python.exe "C:\Users\De11\PycharmProjects\pythonProject2\weight converter.py"`. The output shows 'Weight: 170', '(K)g or (L)bs: l', and 'Weight in Kg: 76.5'. The process finished with exit code 0.

Second Screenshot: The command is the same. The output shows 'Weight: 170', '(K)g or (L)bs: L', and 'Weight in Kg: 76.5'. The process finished with exit code 0.

Third Screenshot: The command is the same. The output shows 'Weight: 170', '(K)g or (L)bs: k', and 'Weight in Lbs: 170'. The process finished with exit code 0.