

✓ Task 1: Lists

Write a program that:

1. Creates a list of 5 numbers.
 2. Adds a new number to the list.
 3. Removes the second number from the list.
 4. Prints the sum of all numbers in the list.
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✓ Task 2: Tuples

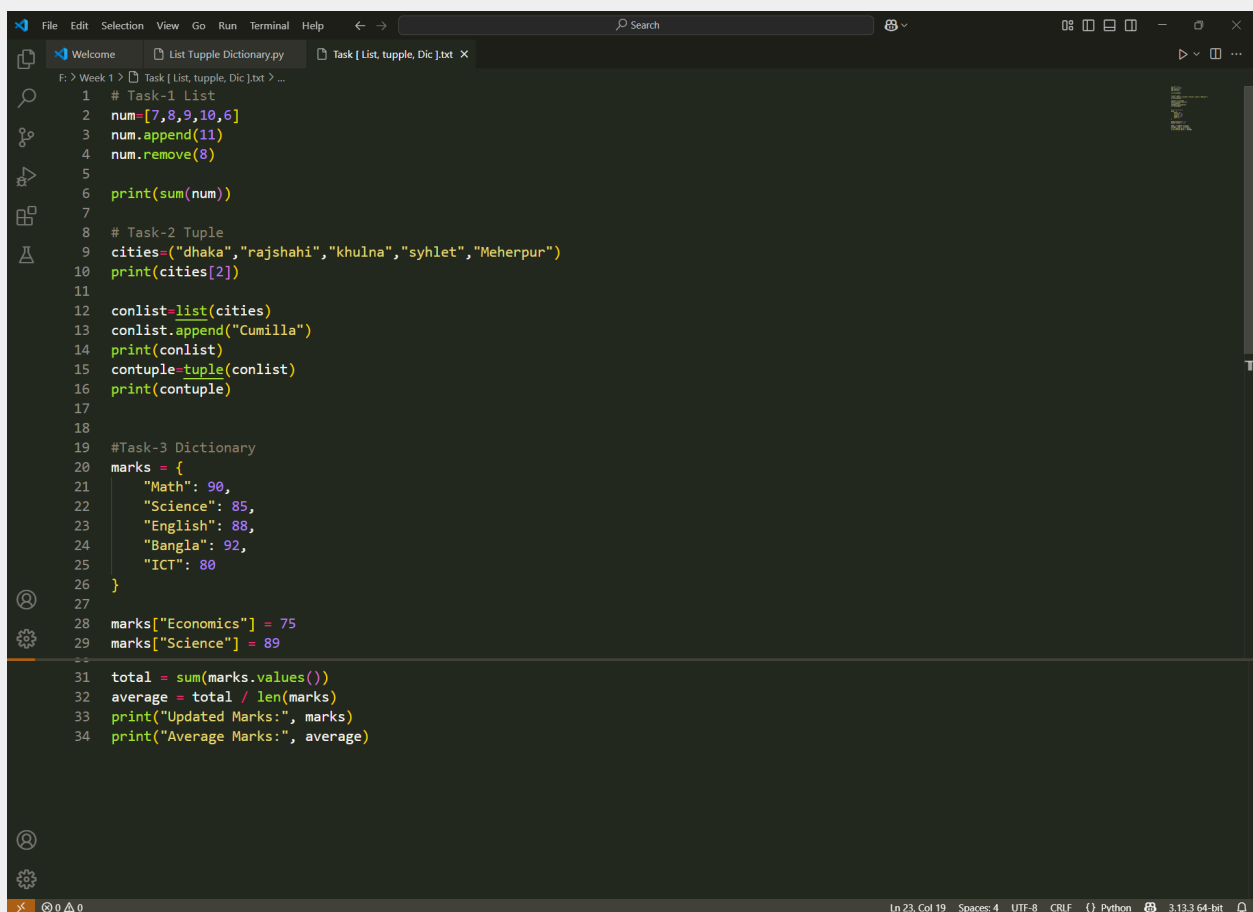
Write a program that:

1. Creates a tuple with the names of 5 cities.
 2. Prints the third city in the tuple.
 3. Converts the tuple into a list, adds a new city, and converts it back to a tuple.
 4. Prints the modified tuple.
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✓ Task 3: Dictionaries

Write a program that:

1. Creates a dictionary where keys are subject names (e.g., Math, Science) and values are the marks (e.g., 90, 85).
2. Adds a new subject with its mark to the dictionary.
3. Updates the mark for one subject.
4. Prints the average marks.



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1 # Task-1 List
2 num=[7,8,9,10,6]
3 num.append(11)
4 num.remove(8)
5
6 print(sum(num))
7
8 # Task-2 Tuple
9 cities=("dhaka","rajshahi","khulna","syhlet","Meherpur")
10 print(cities[2])
11
12 conlist=list(cities)
13 conlist.append("Cumilla")
14 print(conlist)
15 contuple=tuple(conlist)
16 print(contuple)
17
18
19 #Task-3 Dictionary
20 marks = {
21     "Math": 90,
22     "Science": 85,
23     "English": 88,
24     "Bangla": 92,
25     "ICT": 80
26 }
27
28 marks["Economics"] = 75
29 marks["Science"] = 89
30
31 total = sum(marks.values())
32 average = total / len(marks)
33 print("Updated Marks:", marks)
34 print("Average Marks:", average)
```