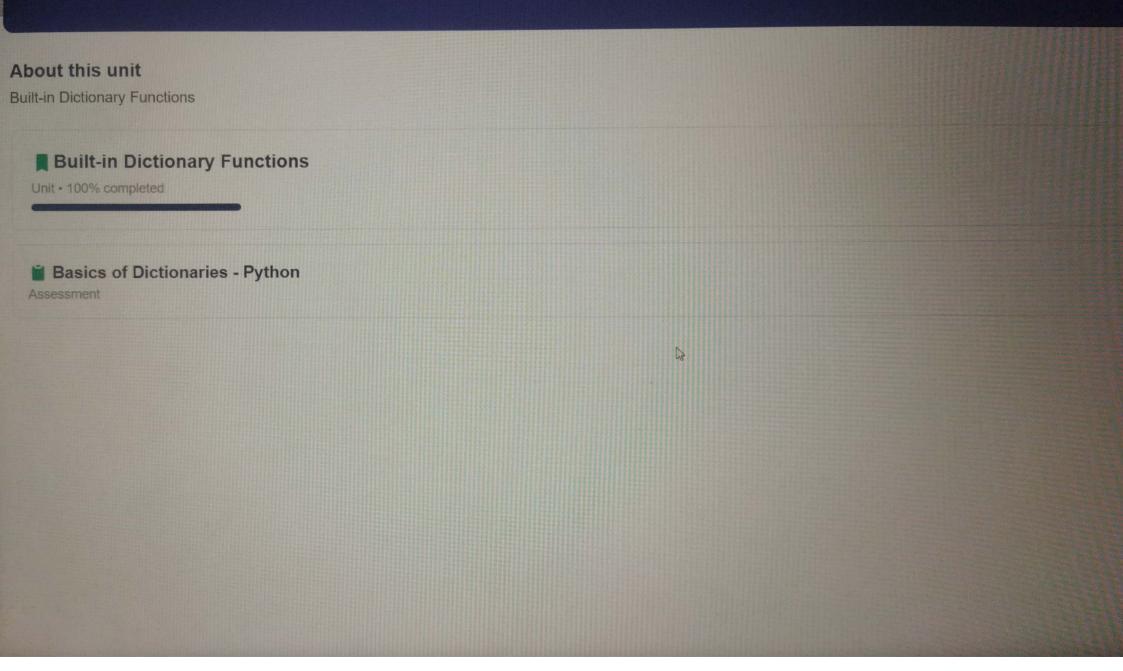
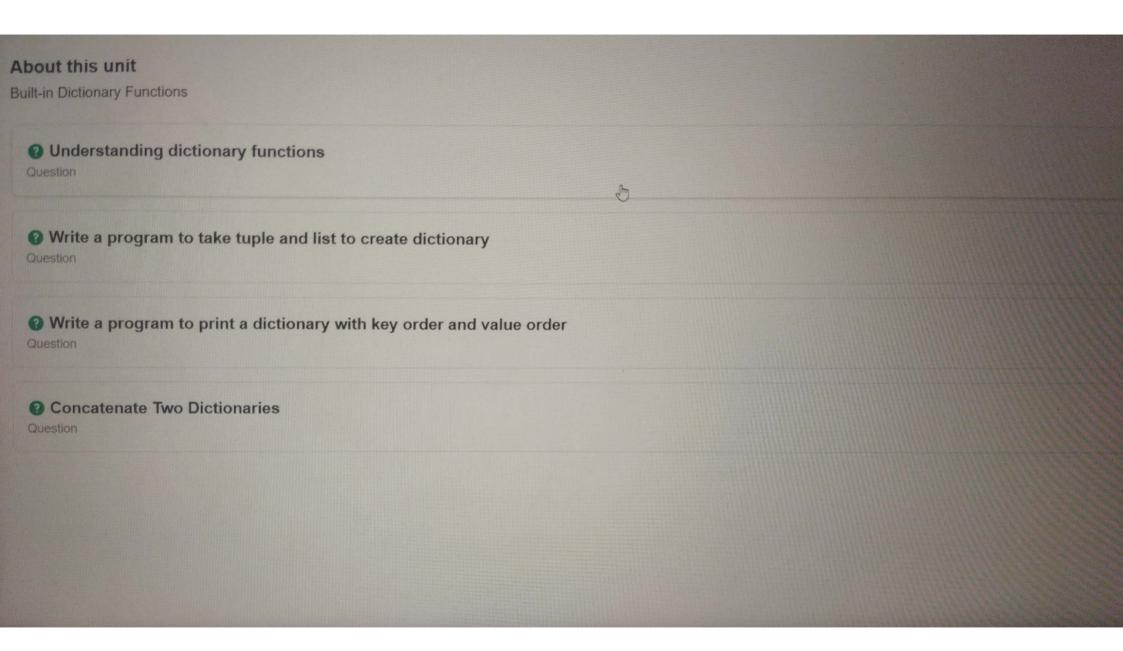
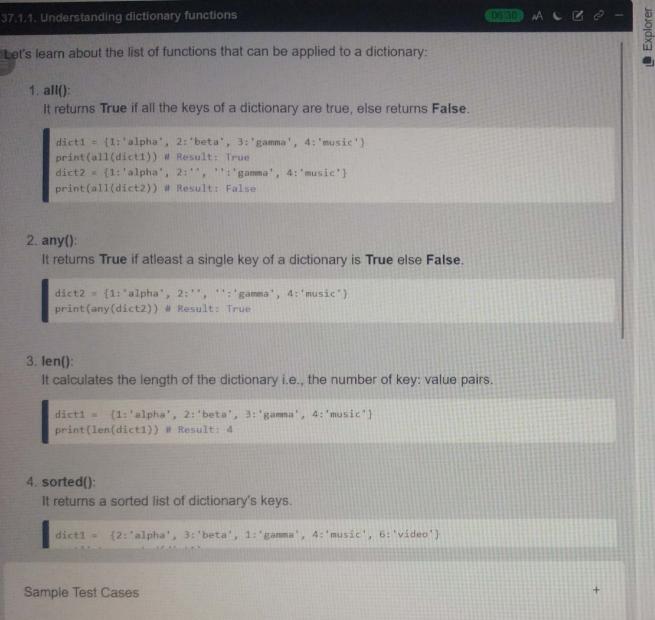
## Unit 4 - Lesson 8 - Built-in Dictionary Functions

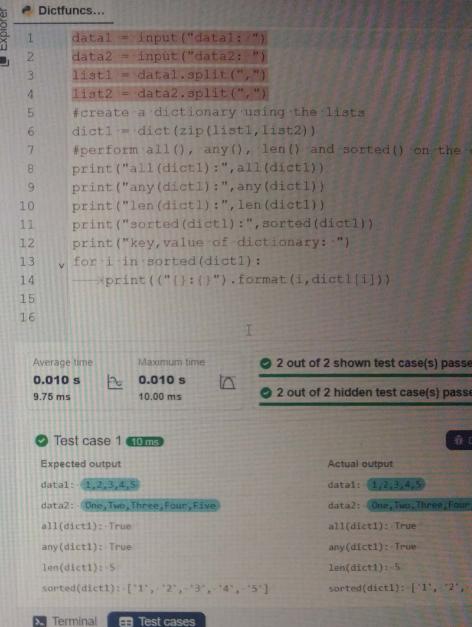




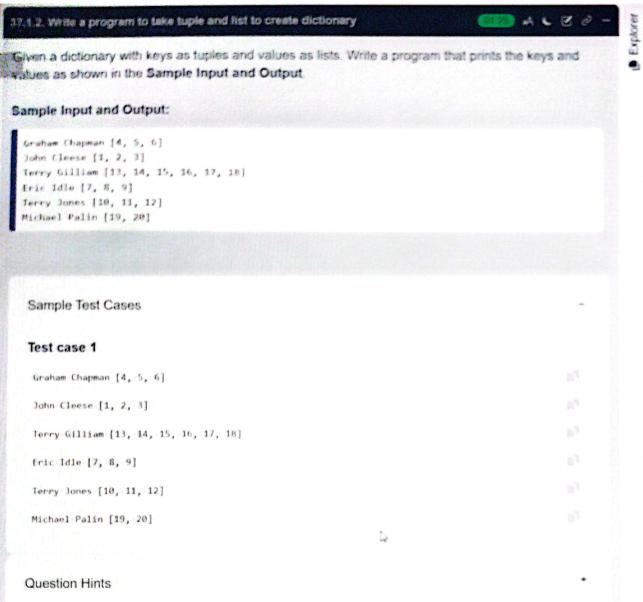






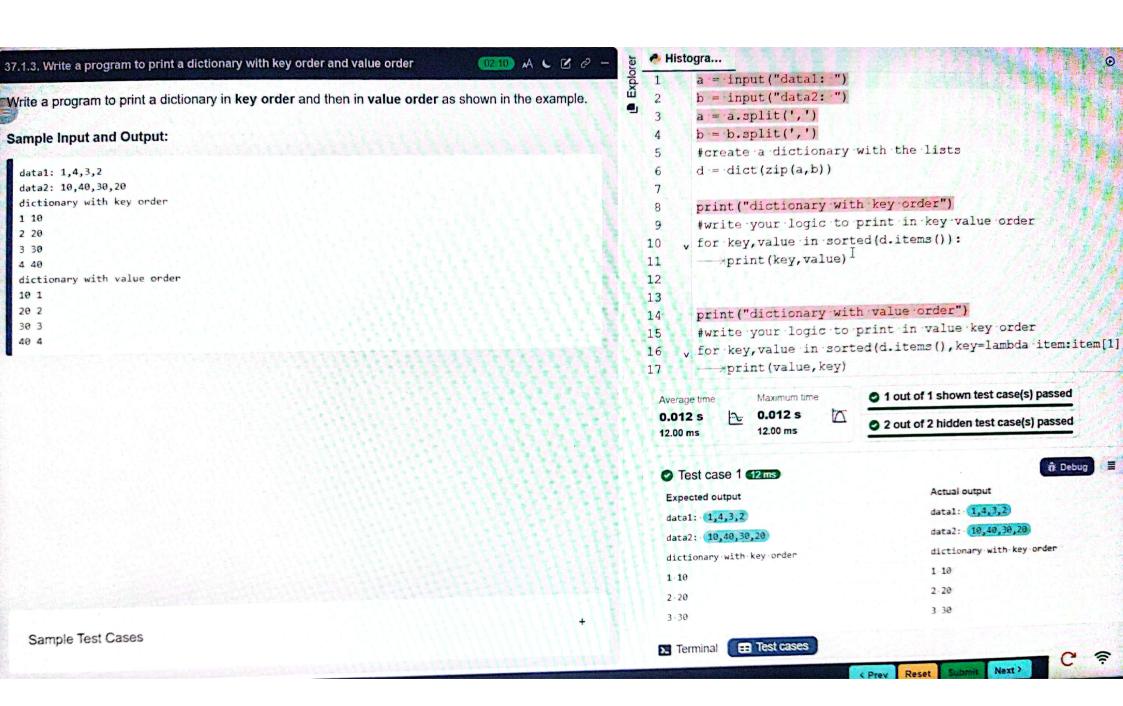






```
DictTuple...
     troupe = (('Cleese', 'John') : [1, 2, 3],
                      ('Chapman', 'Graham') to [4, Special
                      ('Idle', 'Eric') : [7, 0, 9];
                     ('Jones', 'Terry') : (10, 11, 12),
                      ('Gilliam', 'Terry') : [13, 14, 15, 16, 17]
                     ('Palin', 'Michael') : [19, 20])
       #write your code here
      _ for i in (sorted(troupe)):
        - print(" ".join(map(str,tuple(reversed(i)))), trough
11
  Auenage time
                 Maximum time
                                    1 out of 1 shown test case(s) passed
                 0.004 8
  0.004 %
  4.00 ms
                 4.00 ms
  Test case 1 Cmp
  Expected output
                                              Actual output
  Graham Chapman [4, 5, 6]
                                              Graham Chapman [4, 5, 6]
   John Cleese [1, 2, 3]
                                              John Claese [1, 2, 1]
   Terry Gilliam [13, 14, 15, 16, 17, 18]
                                              Terry Gilliam [13, 14, 15, 16, 1
   fric Idle [7, 8, 9]
                                              Eric Idle [7, 8, 9]
                                              Terry Jones [10, 11, 12]
   Terry Jones [10, -11, -12]
   Michael Palin [19, 20]
                                              Michael Palin [19, 20]
 Terminal
              == Test cases
```









Create two dictionaries with the user-given inputs. Write a program to concatenate (add the values with the same keys) the two input dictionaries, and print the result as shown in the sample test cases.

Explorer @ DictConc... 1 #write your code here data1 = list(map(int,input("data1: ").split(","))) 2 data2 = list(map(int,input("data2: ").split(","))) 3 dict1 = dict(zip(data1, data2)) data3 = list(map(int,input("data3: ").split(","))) data4 = list(map(int,input("data4: ").split(","))) 7 dict2 = dict(zip(data3, data4)) dict3={} 9 v for i in dict1: 10 11 dict3[i]=dict1[i] 12 for i in dict2: v if i in dict3: 13 v →else: 16 --->dict3[i]=dict2[i] print("concatenation:", sorted(dict3.items())) Average time Maximum time 2 out of 2 shown test case(s) passed 0.014 s **0.016** s 2 out of 2 hidden test case(s) passed 14.00 ms 16.00 ms Test case 1 16 ms n Debug Actual output **Expected output** data1:- 1,2,3 data1: (1,2,3) data2: 10,20,30) data2: 10,20,30 data3: 4,5,6 data3: 4,5,6 data4: 40,50,60) data4: 40,50,60) concatenation: -[(1, -10), -(2, -20), -(3, -30), -(4 concatenation: ((1, 10), (2, 20), (3, 30), (4, 40), (5, 50),-(6, -60)-(6, -60)] **Terminal** 

Sample Test Cases

== Test cases

