CS 210
Quiz 2 Solutions

| Question | Answer |
|---|---|
| What is the output?<br>L = [3, 1, 2, 4]<br>T = ('A', 'b', 'c', 'd')<br>L.sort()<br>counter = 0<br>for x in T:<br>   L[counter] += int(x)<br>   counter += 1<br>   break<br>print(L) | Error |
| What will be the output of the following code snippet?<br><br>T = 'geeks'<br>a, b, c, d, e = T<br>b = c = '*'<br>T = (a, b, c, d, e)<br>print(T) | ('g', '*', '*', 'k', 's') |
| What will be the output of the following code snippet?<br><br>y={18:"Rutgers",25:"Ru",32:"Rah"}<br><br>for i,j in y.items():<br>   print(i,j,end=" ") | 18 Rutgers 25 Ru 32 Rah |
| What will be the output of the following code snippet?<br>T1 = (1)<br>T2 = (3, 4)<br>T1 += 5<br>print(T1) | 6 |
| What is the output of the following program?<br><br>tuple1 = (1, 2, 4, 3)<br>tuple2 = (1, 2, 3, 4)<br>print(tuple1 < tuple2) | False |
| D = dict()<br>for i in range (3):<br>   for j in range(2):<br>     D[i] = j<br>print(D) | {0: 1, 1: 1, 2: 1} |

| Code | Output |
|---|---|
| `D = {1 : [1, 2, 3], 2: (4, 6, 8)}`<br>`D[1].append(4)`<br>`print(D[1], end = " ")`<br>`L = [D[2]]`<br>`L.append(10)`<br>`D[2] = tuple(L)`<br>`print(D[2])` | [1, 2, 3, 4] ((4, 6, 8), 10) |
| Find the output of the following program:<br><br>`a = {i: i * i for`<br>`i in range(6)}`<br>`print (a)` | {0: 0, 1: 1, 2: 4, 3: 9, 4: 16, 5: 25} |
| Find the ouput<br><br>`a = {'geeks' : 1, 'gfg' : 2}`<br>`b = {'geeks' : 2, 'gfg' : 1}`<br>`print (a == b)` | False |
| What is the ouput?<br><br>`dictionary1 = {'GFG' : 1, 'Google' :`<br>`2, 'GFG' : 3}`<br>`print(dictionary1['GFG']);` | 3 |
| What is the ouput?<br><br>`var = 10`<br>`for i in range(10):`<br>`   for j in range(2, 10, 1):`<br>`      if var % 2 == 0:`<br>`         continue`<br>`         var += 1`<br>`   var+=1`<br>`else:`<br>`   var+=1`<br>`print(var)` | 21 |
| `output = ""`<br>`x = -5`<br>`while x < 0:`<br>`   x = x + 1`<br>`   output = output + str(x) + " "`<br>`print(output)` | -4 -3 -2 -1 0 |
| `def f(value, values):`<br>`   v = 1`<br>`   values[0] = 44`<br>`t = 3` | 3 44 |

| | |
|---|---|
| ```
v = [1, 2, 3]
f(t, v)
print(t, v[0])
``` | |
| ```
def myfunc(a):
   a = a + 2
      a = a * 2
   return a

print myfunc(2)
``` | Indentation Error |
| What is the value of l<br><br>l = [i * i for i in range(3)] | [0, 1, 4] |