**Assignment 1 - String Slicing/Indexing:**

**Question 01**

What would be the output of the following code?

s = 'thinktank'  
print(s[5:5])

A) k  
  
B) t  
  
**C) Blank Output**  
   
D) ktank

**Question 02**

What would be the output of the following code?

s = 'follow'  
print(s[3:8])

A) llow  
  
**B) low** Explanation: If last index is greater than total length of the string  
  
C) lowlow  
  
D) Index Error

**Question 03**

What would be the output of the following code?

b

**A) di**  
  
B) diu  
  
C) id  
  
D) Blank Output

**Question 04**

Fill the blank with the code that would give the following output.

s = 'pythonista'  
print(\_\_\_\_\_\_\_\_\_\_)  
**print(s[-4:-8:-1])**

Output:  
inoh

**Question 05**

Fill the blank with the code that would give the following output.

s = 'program'  
print(\_\_\_\_\_\_\_\_\_\_)

**print(s[1:6:2])**

Output:  
rga

**Question 06**

What would be the output of the following code?

s = 'coder'  
print(s[::0])

A) redoc  
  
B) coder  
  
**C) ValueError** Explanation: Slice step cannot be zero  
  
D) IndexError

**Question 07**

What would be the output of the following code?

s = 'doubled'  
print(s[1:6][1:3])

A) oubleou  
  
**B) ub** Explanation: s[1:6] gives ouble then its [1:3] gives ub  
  
C) ou  
  
D) ubl

**Question 08**

Fill the blank with the code that would give the following output.

s = 'question'  
print(\_\_\_\_\_\_\_\_\_\_)  
**print(s[-1:0:-2])**  
Output:  
nisu

**Question 09**

Fill the blank with the code that would give the following output.

s = 'subscribe'  
print(\_\_\_\_\_\_\_\_\_\_)  
  
Output:  
Blank Output

A) s[:]  
  
B) s[-6:-3:2]  
  
C) s[4:5]  
  
D) **s[-3:-6:2] #when the increment order is +ve**

**Question 10**

What would be the output of the following code?

s = 'completed'  
print(s[2:5:3])

**m**

**Question 11**

Write the output of the following:

s = “String Slicing in Python”

1. s[13:18] **g in**
2. s[-2:-4:-2] **o**
3. s[12:18:2] **n n**
4. s[-17:-1:1] **Slicing in Pytho**
5. s[-6:-20:-2] **Pn ncl**
6. s[0:9:3] **Si**
7. s[19:29] **ython**
8. s[-6:-9:-3] **P**
9. s[-9:-0:-1] **i gnicilS gnirt**
10. s[2:16:3] **rgli**

**Question 12**

Write the output of the following:

s = “Welcome to my blog”

1. s[3:18] **come to my blog**
2. s[2:14:2] **loet y**
3. s[:7] **Welcome**
4. s[8:-1:1] **to my blo**
5. s[-9:-15] **empty string**
6. s[0:9:3] **Wce**
7. s[9:29:2] **om lg**
8. s[-6:-9:-3] **y**
9. s[-9:-9:-1]
10. s[8:25:3] **tmbg**