

Question 1 (1 point)

what is the output of the following code:

```
print ('hi', 'bye', sep='!!')
```

- hi!!bye
- hi!! bye!!
- hi bye sep=!!
- hi!! bye
- hi!!bye!!

Question 2 (1 point)

what is the output of the following code:

```
print ('hi', 'bye', end='...')  
print('leaving', end='')  
print('now')
```

- hi bye...
leaving
now
- hi bye...leavingnow
- hi bye...leaving now
- hi bye ... leaving now

Question 3 (1 point)

what is the output of the following code:

```
print('hi', 'bye', end='...')  
print('leaving')  
print('now')
```

- hi bye...leaving...now
- hi bye...leaving
now
- hi bye ... leaving
now
- hi bye
leaving
now
- hi bye end=...
leaving
now

Question 4 (1 point)

what is the output of the following code:

```
print ('hi', 'bye', sep='!!', end='...')  
print('leaving')  
print('now')
```

- hi!!bye!!...leaving
now
- hi!!bye...leaving
now
- hi!! bye!! ... leaving
now
- hi!! bye ... leaving
now
- hi!! bye!! ... leaving
now

Question 5 (1 point)

What is the output of this code:

```
print('start', end=':')  
  
for num in [3,4,5]:  
    print(num, end=' ')  
  
print('after')
```

**Question 6 (1 point)**

What is the output of this code:

```
print('start', end='')  
for num in range(4, 9):  
    print(num, end=' ')  
print('finish')
```

**Question 7** (1 point)

What is the output of this code:

```
print('start', end='')  
for num in range(4, 9, -1):  
    print(num, end=' ')  
print('finish')
```

**Question 8** (1 point)

What is the output of this code:

```
print('start', end='')  
for num in range(24, 15, -3):  
    print(num, end=' ')  
print('finish')
```

**Question 9** (1 point)

what sequence of numbers is generated by the following call to range:

range(1, 10)

- [1,2,3,4,5,6,7,8,9]
- [1,2,3,4,5,6,7,8,9,10]
- [0,1,2,3,4,5,6,7,8,9,10]
- [0,1,2,3,4,5,6,7,8,9]

Question 10 (1 point)

what sequence of numbers is generated by the following call to range:

range(1, 10, 3)

- [1,4,7]
- [1,4,7,10]
- [10,20,30]
- [1,2,3,4,5,6,7,8,9,3]

Question 11 (1 point)

what sequence of numbers is generated by the following call to range:

`range(1, 10, -2)`

- [8,6,4,2,1]
- [1,3,5,7,9]
- []
- [10,8,6,4,2,1]
- [1,3,5,7,9,11]
- [10,8,6,4,2]

Question 12 (1 point)

what sequence of numbers is generated by the following call to range:

`range(10, 1, -2)`

- []
- [1,3,5,7,9,11]
- [10,8,6,4,2]
- [8,6,4,2]
- [1,3,5,7,9]
- [10,8,6,4,2,1]

Question 13 (1 point)

Given the code in the image below, assume start and end have been initialized to some integer values.

```
1
2
3 for num in range(start, end):
4
5     count += 1
6
7 print(count)
8
```

This code should count the number of whole numbers from the start(inclusive) to the end (not inclusive).

That is,

- if start is 1 and end is 1, the count should be 0
- if start is 1 and end is 2, the count should be 1
- if start is 2 and end is 6, the count should be 4

But there is some missing code that causes an error. Select the code and the line number you would add it at to fix this code.

- count = 1 added at line 4
- count = 1 added at line 1
- count = 0 added at line 8
- count = 0 added at line 4
- count = 0 added at line 1

Question 14 (1 point)

What is the output of this code:

```
x = 1
for num in range(2, 8, 2):
    x *= num
print(x)
```



Question 15 (1 point)

What is the output of this code:

```
x = 0
```

```
for num in range(2, 8, 2):  
    x *= num  
  
print(x)
```



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