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You can preview this quiz, but if this were a real attempt, you would be blocked because:

This quiz is not currently available

Question **1**

Not yet  
answered

Marked out of  
1.00

Consider the following code

```
count = 0
if input('Type something: ') == 'silly':
    count += 1
else:
    count += 2
print(count)
```

After executing this code, which of the following values might be displayed? (check all that apply)

Select one or more:

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3

Question **2**

Not yet  
answered

Marked out of  
1.00

Consider the following code

```
count = 0
response = input('Type something: ')
if response == 'silly':
    count += 1
elif response == 'oops':
    count += 2
print(count)
```

After executing this code, which of the following values might be displayed? (check all that apply)

Select one or more:

- ☐ 0
- ☐ 1
- ☐ 2
- ☐ 3

Question **3**

Not yet

Which of the following corresponds to a conditional that prints 'in range' when the number, `num`, is number between 15 and 19, inclusive:

answered

Marked out of  
1.00

Select one:

☐

```
if num >= 15:
    print ('in range')
elif num < 20:
    print ('in range')
```

☐

```
if num >= 15 or num <= 19:
    print ('in range')
```

☐

```
if num >= 15:
    if num <= 19:
        print ('in range')
```

☐

```
if num >= 15 and num < 19:
    print ('in range')
```

☐

```
if num > 15 and num < 20:
    print ('in range')
```

Question **4**

Not yet  
answered

Marked out of  
1.00

Consider the following code:

```
if word.startswith('a'):
    print('Apple')
else:
    if word.startswith('b'):
        print('Banana')
    else:
        print('Something else')
```

Which of the following are functionally equivalent?

Select one:

☐

```
if word.startswith('a'):
    print('Apple')
elif word.startswith('b'):
    print('Banana')
else:
    print('Something else')
```

☐

```
if word.startswith('b'):
    print('Banana')
if word.startswith('a'):
    print('Apple')
else:
    print('Something else')
```

☐

```
if word.startswith('a'):
    print('Apple')
if word.startswith('b'):
    print('Banana')
```

```
print('Something')
else:
    print('Something else')
```

Question 5

Not yet  
answered

Marked out of  
1.00

Consider the code:

```
if (a and b) or c:
    print('You did it!')
```

Which of the following is equivalent?

Select one:

☐

```
if a and b:
    print('You did it!')
elif c:
    print('You did it!')
```

☐

```
if a and b:
    print('You did it!')
if c:
    print('You did it!')
```

☐

```
if a and b:
    print('You did it!')
else c:
    print('You did it!')
```

Question 6

Not yet  
answered

Marked out of  
3.00

Given the following code:

```
numstr = input('Enter three numbers (separated by spaces): ')
nums = numstr.split()

for i in range(len(nums)):
    nums[i] = int(nums[i])

if nums[2] > nums[0]:
    if nums[1] - nums[0] > 8:
        nums[2] = 2 * (nums[1] - nums[0])
    elif nums[1] - nums[0] < 2:
        nums[2] = nums[2] - nums[0]
else:
    nums[2] = nums[2] + 2 * nums[0]

print (nums[2])
```

Match the input to the correct output:

User enters: 5 20 10

Choose... ▾

User enters: 10 20 5

Choose... ▾

User enters: 5 10 20

Choose... ▾

User enters: 10 5 20

Choose... ▾

