

Remaining Time: 6 minutes, 11 seconds.

Question Completion Status:

⚠ Moving to another question will save this response.

⏪ ⏩ Question 2 of 5 ⏪ ⏩

Question 2

2 points Save Answer

What is the output of the following code?

```
x = 1
a = 1
b = -5
if a > 0:
    if b > 0:
        x = x + 4
    else:
        x = x + 3
else:
    x = x + 2
print(x)
```

[A]

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⚠ Moving to another question will save this response.

⏪ ⏩ Question 2 of 5 ⏪ ⏩

Force Completion Once started, this test must be completed in one sitting. Do not leave the test before clicking **Save and Submit**.

Remaining Time: 5 minutes, 33 seconds.

Question Completion Status:

⚠ Moving to another question will save this response.

Question 1 of 5 > >>

Question 1

2 points **✓ Saved**

An input to a Python program that expects positive input such as **Yes, yes, YES, YeS, yES, yEs**, etc. to terminate the program (showing **Quit** on the screen),

```
userinput = input('If you want to quit type Yes:')
```

Can be validated as follows:

- ☐ if `userinput.lower() == 'YES'` :
 `print('Quit')`
- ☒ if `userinput.lower() == 'yes'` :
 `print("Quit")`
- ☐ if `userinput.lower() != 'yes'` :
 `print('Quit')`
- ☐ if `userinput == 'yes' and userinput == 'YES'` :
 `print("Quit")`

⚠ Moving to another question will save this response.

Question 1 of 5 > >>

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Remaining Time: 5 minutes, 20 seconds.

Question Completion Status:

Question 3

2 points Save Answer

What is the output of the below code?

```
a = 4
ch = str(a)
ch = ch.upper()

if len(ch) == 0 or len(ch) > 1 :
    print("That input didn't have a valid length.")
elif ch in "AEIOU" :
    print("Vowel")
elif ch >= "A" and ch <= "Z" :
    print("Consonant")
else :
    print("That was neither a vowel nor a consonant.")
```

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Remaining Time: 3 minutes, 54 seconds.


Question Completion Status:

```
if len(ch) == 0 or len(ch) > 1 :
    print("That input didn't have a valid length.")
elif ch in "AEIOU" :
    print("Vowel")
elif ch >= "A" and ch <= "Z" :
    print("Consonant")
else :
    print("That was neither a vowel nor a consonant.")
```

☒ That input didn't have a valid length. 

☐ Vowel.

☐ Consonant.

☒ That was neither a vowel nor a consonant. 

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Take Test: Quiz 2 – 202-ICS-104-1

Assessments / Tests – 202-ICS-10

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Force Completion

Once started, this test must be completed in one sitting. Do not leave the test before clicking **Save and Submit**.

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Remaining Time: 3 minutes, 45 seconds.

Less than five minutes remain.

▼ Question Completion Status:

⚠ Moving to another question will save this response.

⏪ ⏩ Question 4 of 5 ⏪ ⏩

Question 4

2 points Save Answer

Find the errors in the following if statement

letterGrade = "F"

if grade >= 90 :

letterGrade = "A"

if grade >= 80 :

letterGrade = "B"

if grade >= 70 :

letterGrade = "C"

if grade >= 60 :

letterGrade = "D"

☐ There is nothing wrong with the above statement.

☐ "F" should not be string it should be converted to integer

☐ letterGrade should be float

☒ Statement is using if through out instead of elif. Answer will be D for grade above 60.

⚠ Moving to another question will save this response.

⏪ ⏩ Question 4 of 5 ⏪ ⏩

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Remaining Time: 2 minutes, 49 seconds.

Less than five minutes remain.

Question Completion Status:

Click **Submit** to complete this assessment.

Question 5 of 5

Question 5

2 points Save Answer

Assuming a user enters 10, 20, and 30 as the input, what is the output of the following code snippet?

```
n1 = int(input("Enter a number: "))
n2 = int(input("Enter a number: "))
n3 = int(input("Enter a number: "))

if not (n1 > n2 and n1 > n3):
    print(n1)
elif not (n2 > n1 and n2 > n3):
    print(n2)
elif not (n3 > n1 and n3 > n2):
    print(n3)
```

☐ 30

☐ 20

☒ 10

☐ No Output

Click **Submit** to complete this assessment.

Question 5 of 5

Save and Submit

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