

**Question 1**

4 out of 4 points

What is the output of the following code?

```
number = 5
while number > 1:
    print(number, end=" ")
    number = number - 1
```

Answer:

**Question 2**

4 out of 4 points

Assuming a user enters 2, 4, and 6 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)
```

Answer:

**Question 3**

4 out of 4 points

```
a = "b"
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.")
```

What is the output of the below code?

Answer:

By: Abdullah Alghamdi



\_SomeoneA\_

**Question 4**

8 out of 8 points



What is the output of the following code?

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

Answer:

**Question 5**

4 out of 4 points

Consider the following Python code fragment, what will be printed?

```
flag = False
i = 20
while not flag and i > 0 :
    flag = i // 3 < 2

print("The value of i =", i)
```

Answer:

**Question 6**

8 out of 8 points

What is the output of the below code? Please include the output in each line ONLY IF NEEDED.

```
for i in range(3):
    for j in range(5):
        if i * 2 == j :
            print("*", end="")
        else:
            print("-", end="")
    print()
```

Answer:

By: Abdulellah Alghamdi



SomeoneA

**Question 7**

4 out of 4 points

What is the output of the following code?

```
t = 0
for i in range(0,2):
    for j in range(0,3):
        t = t + j
print(t)
```

Answer:

**Question 8**

4 out of 4 points

Assuming a user enters "KFUPM Dhahran" as the input, what is the output of the following code snippet?

```
sentence = input("Enter a sentence: ")
uppercase = 0
for char in sentence:
    if char.isupper():
        uppercase = uppercase + 1
print(uppercase)
```

Answer:

**Question 9**

4 out of 4 points

What is the output of the below code?

```
Str = "This is ICS 104 course"

string = ""
if Str.isalnum():
    for i in Str:
        if i.isalpha() and i != "e":
            string = string + i + " "
else:
    for i in Str:
        if i.isdigit() and i != "4":
            string = string + i + ","
        elif i == "4":
            string = string + i

print(string)
```

Answer:

By: Abdullallah Alghamdi



SomeoneA

### Question 10

0 out of 8 points

Assuming a user enters

**Text Editor**

as the input, what is the output of the following code snippet?

```
found = False
position = 0
text = input("Enter some text: ")
while not found and position < len(text) :
    if text[position] == "o" :
        found = True
    else :
        position = position + 1
print(position)
```

Answer:

By: Abdullah Alghamdi

