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CS23336-Introduction to Python Programming

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Question 1

Complete

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Question text

Which of the following statements correctly represents taking input from user in python?

Question 1 Answer

☐

a.

`a=inp("Enter the value")`

☐

b.

`a=get("Enter the value")`

☒

c.

`a=input("Enter the value")`

☐


d.

None of the mentioned

Question 2

Complete

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Question text

What is the output of the code given below?

```
a = -10
b = -200
c = 2000
d = 4000
if( a*b >=d):
    if(d>c):
        if(d%c!=0):
            print(11)
        else:
            print(22)
else:
    if(b/a >0):
        if(a<b or d%c!=0):
            print(33)
        else:
            print(44)
```

Question 2 Answer

☐

a.
22

☐

b.
44



c.

33



d.

11

Question 3

Complete

Marked out of 1.00



[Flag question](#)

Question text

Can we write if/else into one line in python?

Question 3 Answer



a.

No



b.

Yes

Question 4

Complete

Marked out of 1.00



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Question text

What is the output

```
a, b, c = 1, 3, 5
```

```
if a + b + c:
```

```
print("Hello")
```

else:

```
print("Know Program")
```

Question 4 Answer

☐

a.

Compiled Successfully, No Output.

☐

b.

Error

☒

c.

Hello

☐


d.

Know Program

Question 5

Complete

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Question text

Which among the following codes have equivalent logic?

Code 1:

```
if(value3>1000 and value3<1006):
```

```
    if(value1=="ABC"):
```

```
        if(value2=="A"):
```

```
            value4=10
```

```
        else:
```

```
    value4=8
elif(value1=="XYZ"):
    if(value2=="A"):
        value4=8
    else:
        value4=6
print(value4)
```

Code 2:

```
i f(val ue3>=1001 and val ue3<=1005 and val ue1=="ABC"):
    if(value2=="A"):
        value4=10
    else:
        value4=8
elif(value3>1000 and value3<1006 and value1=="XYZ"):
    if(value2=="A"):
        value4=8
    else:
        value4=6
print(value4)
```

Code 3:

```
i f(val ue3>1000 and val ue3<1006 or val ue1=="ABC"):
    if(value2=="A"):
        value4=10
    else:
        value4=8
elif(value3>1000 and value3<1006 or value1=="XYZ"):
    if(value2=="A"):
        value4=8
    else:
        value4=6
print(value4)
```

Question 5 Answer

☐

a.

Code 1, Code 3



b.

Code 1, Code 2




c.

Code 2, Code 3

Question 6

Complete

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Question text

What is the value of x at the end of the following sequence of instructions?

x = 10

x = x * 3

x = x + 5

Question 6 Answer



a.

15



b.

45



c.

35




d.

30

Question 7

Complete

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Question text

What is the output of the given below program?

```
a = 25
if a > 15:
    print("Hi")
if a <= 30:
    print("Hello")
else:
    print("Know Program")
```

Question 7 Answer

☐

a.
Hello

☐

b.
Hello
Know Program

☒

c.
Hi
Hello


☐

d.
Hi
Know Program

Question 8

Complete

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Question text

choose a valid Python if statement :

Question 8 Answer

☐

a.
if (a => 22)

☐

b.
if (a >= 2)


☒

c.
if a>=2 :

Question 9

Complete

Marked out of 1.00

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Question text

x,y=1,2
if(x or y):


```
print("1")
else:
    print("0")
```

Question 9 Answer



a.
1



b.
Compile time error



c.
Runtime error




d.
0

Question 10

Complete

Marked out of 1.00

 [Flag question](#)

Question text

Can we write if/else into one line in python?

Question 10 Answer



a.
No




b.

Yes

Question 11

Complete

Marked out of 1.00

 [Flag question](#)

Question text

What is the output of the following code :

```
x=True
y=False
z=False
if x or y and z:
    print("YES")
elif x and y or z:
    print("yes")
else:
    print("no")
```

Question 11 Answer

☐

a.
Error

☐

b.
yes

☐

c.
no


☒

d.
YES

Question 12

Complete

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 [Flag question](#)

Question text

What is the output when the following sequence of instructions is carried out in the console?

```
a = 1; a = a + 1; a = a + 2; a = a + 3; print(a)
```

Question 12 Answer

☐

a.
6

☐

b.
4

☒

c.
7


☐

d.
5

Question 13

Complete

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Question text

What will be output for the following code?

```
if 3 == 3:  
    print("Python is easy!")
```

Question 13 Answer

☐

a.
NO OUTPUT

☐

b.
Error


☒

c.
Python is easy!

Question 14

Complete

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Question text

Which of the following is true about the code below?

```
x = 3  
if (x > 2):  
    x = x * 2;  
if (x > 4):  
    x = 0;  
print(x)
```

Question 14 Answer


☐

- a.
if x is lesser then 0,x will be 0 after this code executes
- ☐
- b.
x will always equal 0 after this code executes for any value of x
- ☒
- c.
if x is greater than 2, the value in x will be doubled after this code executes
- ☐
- d.
if x is greater than 2, x will equal 0 after this code executes

Question 15

Complete

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Question text

What is the output of the below code snippet?

```
num1=100
num2=200
num3=6
if(5>=num3):
    if(num1>100 or num2>150):
        print("1")
elif(num1>=100 and num2>150):
    print("2")
else:
    print("3")
```

Question 15 Answer

☐

a.

3

☐

b.

2

☒

c.

1

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