

Thank you. Your test submitted.

You have cleared this assessment.

Obtained Percentage Obtained Marks

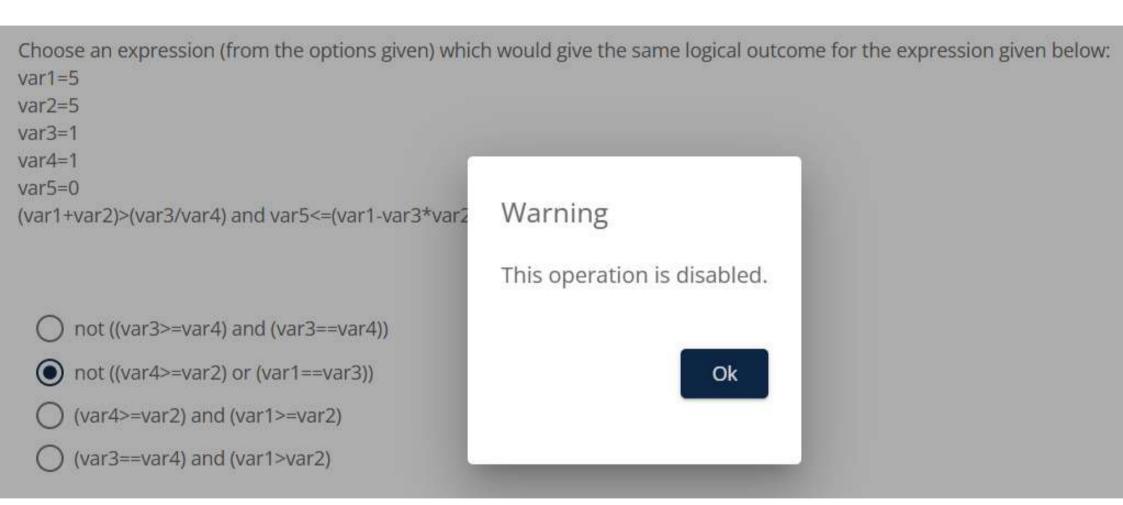
73.33 %

11/15

Best Attempt Score:73.33 % on 26-03-2025

```
What would be the output of following Python code?
       name1="Roger"
       name2="Robert"
       def swap_names(name1, name2):
            temp=name1
            name1=name2
            name2=temp
       print("Before swapping: name1="+name1+" name2="+name2)
       swap names(name1, name2)
       print("After swapping: name1="+name1+" name2="+name2)
                                                                       Wa
       A) Before swapping: name1=Roger name2=Robert <br/>br>
        After swapping: name1=None name2=None
                                                                       This
       B) Before swapping: name1=Roger name2=Robert <br/> <br/>br>
        After swapping: name1=Robert name2=Robert
       C) Before swapping: name1=Roger name2=Robert <br/> <br/>br>
        After swapping: name1=Roger name2=Robert
       D) Before swapping: name1=Roger name2=Robert <br/> <br/>br>
        After swapping: name1=Robert name2=Roger
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```
What is the output of the below Python code?
code="jack and jill went up the hill"
for temp in code.split():
if(temp.endswith("ill")):
        print("Count :",code.count("ill"))
break
code=code.replace("j","m")
for temp in code.split():
    if(len(temp)%2!=0):
temp_string=(str)(temp)
code=code.replace(temp_string,temp_string.upper())
print(code)
A) Count: 2 <br>
                                                        Warning
 mack AND mill went up THE hill
                                                        This operat
B) Count: 3 <br>
 Mack and Mill went up the Hill
C) Count: 3 <br>
 MACK and MILL WENT UP the HILL
D) Count: 1 <br>
 mack and mill went up the hill
```



```
Consider a Python dictionary which represents a ship's crew.
ship crew={
                "Co-Captain": "Jack",
                "Chief officer": "Mack",
                "Chief steward": "Harry",
                "Chief cook": "Mala"
Jack has been promoted as a Captain and a new member Tom has joined as a Co-Captain.
What code should be written in order to have these details updated in the dictionary.
Choose TWO CORRECT options from below.
A) ship_crew['Co-Captain']="Tom" <br>
                                                                  Warning
 ship crew['Co-Captain']=ship crew['Captain']
B) ship_crew['Co-Captain']="Tom" <br>
                                                                  This operation i
 ship crew['Captain']="lack"
C) ship_crew['Captain']=ship_crew['Co-Captain']
                                              <br>
 ship_crew['Co-Captain']="Tom"
D) ship_crew['Captain']="Tom"
 ship_crew['Co-Captain']="Jack"
 ✓ B
 V D
```

```
What will be the output of the below Python code?
         list1=[1,2,1,3,3,1,2,1,2,1]
         tuple1=("A", "B", "C", "D")
         tuple1+=("E",)
         list2=[]
         for var1 in range(5, len(list1)):
              list2.append(list1[var1-5]+list1[var1])
         for var1 in range(0,len(list2)):
              print(tuple1[var1],list2[var1])
         A) This code will result in an error as we cannot concatenate a tuple to a str
         B) This code will result in an error as tuple is immutable
         C) A 2 <br>
          B 4 < br>
          C 2 < br>
          D 5 <br>
          E4
         D) A 2 <br>
          B 4 < br>
          C 2 <br>
          D 5 <br>
For Mor
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```

What is the output of the below Python code? Note:Assume that necessary imports have been done

```
temp=['Mysore', 'Bangalore', 'Pune', 'Chennai']
temp.sort()
count1=len(temp[0])
count2=len(temp[-1])
final_val=math.ceil(count1/count2)
print(final_val)
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- 3
- O 2
- () 1
- 0 4

```
What would be the output of the below Python code?
var1=0
var2=10
while vari<=10 and var2>=1:
    print(var1, var2)
    var2=var2-1
    var1=var1+1
    if(var1==var2):
         break
A) 0 10 <br/>
 19 <br
 28 kbr>
 37<br
 46 kbr>
 55
B) 19 < br>
 2.8 <br
 37 dop-
 45
C) 0 10 <br
 19 <br>
 28 do
 37×br>
 46
D)19 <br
 28 <br>
 37 <br>
 4.6 <br>
 55
```

```
What does the below Python code do?
for var1 in range(1,6):
for var2 in range(1,6):
if(var1%var2!=0):
pass
elif(var2<var1):
continue
else:
print(var1*var2)
Prints the square of numbers from 1 to 6
   Prints the square of numbers from 1 to 5
    Prints prime numbers from 1 to 6
    Prints prime numbers from 1 to 5
                               ard
```

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When the values of var1=7, var2=6 and var3=3, which among the following logical expressions would be FALSE? (var1+var2)>(var3) and (var1*var2+var3)>=(var3+var1) ii. (var1*var2)>(var3*var1) and (var1*var2)<=(var1*var2*var3) iii. (var1*var3)>(var1*var2*var3) or (var1*var3)<= Warning iv. not((var1*var3)>(var3*var1) and (var1*var3)<= This operation is disabled. only i only ii only iii only iv

```
Consider below Python codes:
garantee Code 1
my str="All3 that4 glitters8 is2 not3 gold4"
my lst=[]
for char in my str:
    if(char.isdigit()):
       my lst.append((int)(char))
       my str=my str.replace(char, " ")
print(my str,my 1st)
my str="All3 that4 glitters8 is2 not3 gold4"
my lst=[]
for char in my str:
    if(char.isdigit()):
       my_lst.append(char)
       my_str.replace(char," ")
print(my str,my lst)
Which of the above code(s) will produce below output?
All that glitters is not gold [3, 4, 8, 2, 3, 4]
    Both Code 1 and Code 2
 Only Code 1
    Only Code 2
    Neither Code 1 nor Code 2
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```

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```
What would be the output of the below Python code?
var = 200
if (var > 200):
    print("Within first block")
    if (var == 150):
        print("Which is 158")
    elif (var == 100):
        print("Which is 100")
elif (var > 50):
    print("Within second block")
    if (var%5 == 0):
        print("Which is multiple of 5")
    elif (var%10 == 0):
        print("Which is multiple of 10")
    else:
        print("Neither multiple of 5 nor multiple of 10")
else:
    print("Could not find true expression")
print("Good bye!")
A) Within second block <br>
 Which is multiple of 5 <br>
 Good bye!
B) Could not find true expression <br
 Good byel
C) Within second block <br>
 Neither multiple of 5 nor multiple of 10 <br/> <br/> <br/>
 Good bye!
D) Within first block <br>
 Which is 100 <br>
 Good bye!
```

Consider the marks list given below.

Identify the Python code to be written in the Line 1 such that the output is ["FA2",95]

```
marks=["FA1",80,"FA2",85,"FA3",95]
report=marks[-4:]
#Line1
print(report)
```

- report=report[:1]+marks[5:]
- report=marks[2:3]+marks[-2:]
- report=marks[-4:-2]
- report=report[:2]

Warning

This operation is disabled.

Ok

```
What will be the output of the below Python code?
num1=11//10
num2=11%10
num3=20
num4=40
num5=5
if(num3>num4):
     if(num3>num5):
         print(num5*num4/num3)
     else:
         print(num3/num5)
else:
     if(num1==num2):
         print(num4/num3)
     else:
         print(num4/num5)
 2.0
     4.0
     10.0
     8.0
```

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```
What is the output of the below Python code?
temp="Hello? how are you?"
if(temp.isdigit()):
     temp+="fine"
else:
     for var1 in range(len(temp)):
         if(temp[var1]=='?'):
             final_val=temp[:var1]
             break
if(final_val.endswith('u')):
     final_val.replace('you', 'u')
else:
     final val=final val.upper()
 print(final_val)
 HELLO?
    HELLO
     fine
    Hello? how are u?
```

What will be the output of the below Python code?

```
def func(sample, res, key,val):
    if(key in sample):
        res=True
        sample.update({key:val})
    res=False

res=None
sample={"XS":1, "X":0, "XL":3, "XXL":4}
func(sample,res, "X",2)
print(sample["X"], res)
```

- O None
- 2 None
- O True
- 2 False