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**ASSIGNMENT 4 (PYTHON OPERATORS)**

a=10, b=15, c=8 d=-3

Condition: a>(b\*3\*-2)

Step1: 10 > (15 \* 3 \* -2)

Step2: 10 > (-90)

Result: True

Condition: (b-a)!= c-3

Step1: (15-10) !=8-3

Step2: 5!=5

Result: false

Condition: a==!=b

Step1: 10== != 15

Result: error

Condition: d-c-a <= b + a - 25

Step1: -3-8-10 < = 15+10 -25

Step2: -21 < = 0

Result: True

|  |  |
| --- | --- |
| 1. True and False or True and not False |  |

(false) or (true)

Result: True

1. not True or not False and False

false or (true and false)

false or false

Result: false

1. not False and not True or True

(true and false) or true

False or true

Result: true

|  |  |
| --- | --- |
| 1. 12 > 16 and 17 > 5 or 8 < 10 or 5 != 2 + 3 |  |

(false and true) or (true or false)

Result: true

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. 27 > 3 \*\* 3 and not False or True and 16+2\*5 - 6+7 != 28 |  |  |  |  |

(false and true) or (true and true)

False or true

Result: true

|  |  |  |  |
| --- | --- | --- | --- |
| 1. 10 and 20 or 30 and -6 or 0 and 16 and not 0 or not 15 |  |  |  |
| 20 or -6 or 0 and true  Result :20 |  |  |  |

|  |  |  |
| --- | --- | --- |
| 1. 2 \*\* 3 \*\* 2 != 8 \* 8 or not False and 0 or 16 |  |  |

64 !=64 or (true and true)

Result: true

1. if (10 > 15 and 8 < 10):  
   print ('yes')  
   else:  
   print ('no')

(false and true)

false

Result: no

a = 10  
if (False or False and True):  
a = a + 2  
elif (not 0 and False):  
a = a + 5  
elif (10 or False and True or 0):  
a = a - 3  
else:  
a = 19  
  
print (a)

RESULT: (a) =7

write the if else instruction to handle this  
to buy a product of type 'A' I need to use credit card of HDFC only at any Reliance stores at Jayanagar  
and the amount of purchase must not be less than 1500