

**Day 2 Assignment** -- Create a program to fill the values in three variables a,b,c

**Rules\***

1. The program will take the int value from the user between 1 to 60
2. Divide that int value into 3 variables (a,b,c) such that a can take max 20, b can take max 10, and c can take max 30

Example 1:

Enter the value: 45

Answer a = 20

c = 10

b = 15

or

a = 20

c = 25

b = 0

Example 2:

Enter the value: 61

Answer Value must be less than or equal 60

**SOLUTION**

CODE:

```
n = int(input('enter the value:'))

if n <= 58 or n == 60:
    a = n//3
    b = a//2
    c = n-(a+b)
    print('a=',a , 'b=',b , 'c= ',c)
elif n == 59:
    a = n//3
    b = a//2+1
    c = n-(a+b)
    print('a=',a , 'b=',b , 'c= ',c)
else:
    print('Answer Value must be less than or equal 60')
```

OUTPUT:

enter the value:60

a= 20 b= 10 c= 30

enter the value:61

Answer Value must be less than or equal 60