OOPS - ASSIGNMENT ANISH MATHAN M

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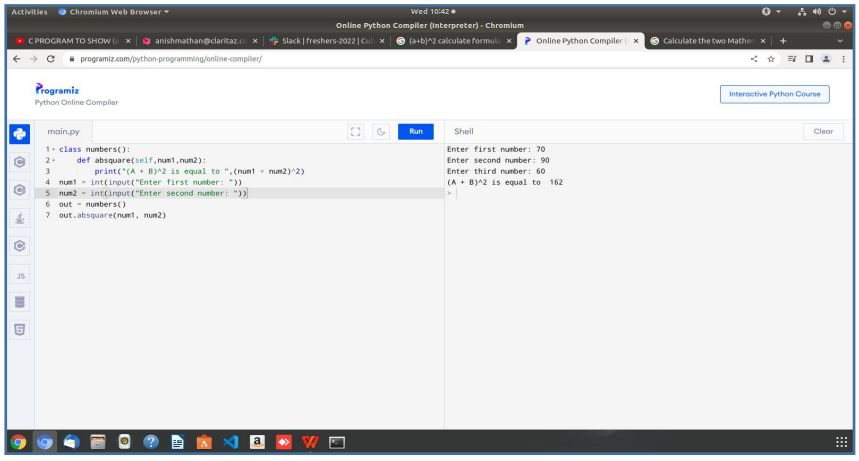
SUM 1. Biggest Among 3 numbers using class

```
class numbers( ):

    def biggest(self,num1 ,num2 ,num3 ):
        if (num1 != num2 ) and (num1 != num3 ):
            largest = num1
        elif (num2 != num1 ) and (num2 != num3 ):
            largest = num2
        else:
            largest = num3

        print('The largest number is', largest)

num1 = int(input('Enter first number: '))
num2 = int(input('Enter second number: '))
num3 = int(input('Enter third number: '))
out = numbers( )
out.biggest(num1 ,num2 ,num3 )
```

SUM 2. Calculate the two Mathematical formula (a+b) ∧ 2

```
class numbers( ):
    def absquare(self,num1 ,num2 ):
        print('(A + B) ∧ 2 is equal to ',(num1 + num2 ) ∧ 2 )
num1 = int(input('Enter first number: '))
num2 = int(input('Enter second number: '))
out = numbers( )
out.absquare(num1 , num2 )
```



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b. ((2*a) + (3*b)–(2*c)) * (5*c)

```
class formula:
    type='calc'
    def__init__(self):
        self.result= ((2*a) + (3*b )–(2*c)) * (5*c)

        def derive(self,num1,num2,num3):

        num1 = int(input('Enter first number: '))
        num2 = int(input('Enter second number: '))
        num3 = int(input('Enter third number: '))

            return (self.result)

    s1=calc()
    print(s1.derive())

class numbers():
    def formulab(self, num1, num2, num3):
      print('((2*a) + (3*b) - (2*c)) * (5*c) = ',((2*num1) + (3*num2) - (2*num3)) * (5*num3))

num1 = int(input('Enter first number: '))
num2 = int(input('Enter second number: '))
num3 = int(input('Enter third number: '))
out = numbers()
out.formulab(num1, num2, num3)
```