```python
In [13]:    class vector:
                def __init__(self , x , y):
                    self.x = x
                    self.y = y

                def add(self , x , y):
                    return x+y

                def sub(self , x , y):
                    return x-y

                def mul(self , x , y):
                    return x*y
```

```python
In [16]:    v = vector(10 , 2)
            print ("Addition of x and y is " , v.add(5, 10))
            print ("Subtraction of x and y is " , v.sub(5, 10))
            print ("Multiplication of x and y is " , v.mul(5, 10))
```

```
Addition of x and y is  15
Subtraction of x and y is  -5
Multiplication of x and y is  50
```

```
In [ ]:
```