In [1]:
```
x = lambda num1,num2: num1*num2
x(5,6)
```

Out[1]:
```
30
```

In [2]:
```
from math import pi
def CalculateCircleArea(radius):
    return radius**2*pi
circleArea = CalculateCircleArea(10)
print(circleArea)
```

```
314.1592653589793
```

In [12]:
```
def Calculator(num1,num2,operator):
    if operator == "a":
        return num1+num2
    if operator == "s":
        return num1-num2
    if operator == "m":
        return num1*num2
    return num1/num2
newOperation = Calculator(2,5,'d')
print(newOperation)
```

```
0.4
```

In [14]:
```
class Rectangle():
    def __init__ (self,length,width):
        self.length = length
        self.width = width
    def area(self):
        return self.length*self.width
newRectangle = Rectangle(5,10)
print(newRectangle.area())
```

```
50
```

In [17]:
```
class Shape():
    def __init__ (self,name,length):
        self.name = name
        self.length = length
    def area():
        return 0

class Square(Shape):
    def __init__(self,name,length):
        super().__init__(name,length)
    def area(self):
        return self.length**2
    def describe(self):
        return "This is a: " + self.name

square = Square('square',5)
print(square.area())
print(square.describe())
```

```
25
This is a: square
```

In [ ]:
```
```