In [2]:
```
multiply = lambda x,y: x*y;
result = multiply(5,6);
print(result);
```

```
30
```

In [4]:
```
import math

def calculate_circle_area(radius):
    return math.pi * radius**2

result = calculate_circle_area(10)
print(result)
```

```
314.1592653589793
```

In [9]:
```
def calculator(num1, num2, operation):
    if operation == 'a':
        return num1 + num2
    elif operation == 's':
        return num1 - num2
    elif operation == 'm':
        return num1 * num2
    elif operation == 'd':
        if num2 != 0:
            return num1 / num2
        else:
            return "Error: Cannot divide by zero!"
    else:
        return "Error: Invalid operation!"

result = calculator(2, 5, 'd')
print(result)
```

```
0.4
```

In [13]:
```
class Rectangle:
    def __init__(self, length, width):
        self.length = length
        self.width = width

    def area(self):
        return self.length * self.width

r = Rectangle(5, 10)

result = r.area()
print(result)
```

```
50
```

In [15]:
```
class Shape:
    def __init__(self, name, length):
        self.name = name
        self.length = length

    def area(self):
        return 0

class Square(Shape):
    def __init__(self, name, length):
        super().__init__(name, length)

    def area(self):
```

```
        return self.length * self.length

    def describe(self):
        return f"This is a: {self.name}"

s = Square('square', 5)

print(f"The area is: {s.area()}")
print(s.describe())
```

```
The area is: 25
This is a: square
```

In [14]:
```
Tai Tran
```

```
  Cell In[14], line 1
    Tai Tran
        ^
SyntaxError: invalid syntax
```