In [ ]:
```
#Functions:
# re-use the same code
# 20 ppl are hvaing bday
# omkar hpy bday
# suresh hapy bday
```

In [1]:
```
num1 = eval(input("enter the number 1:"))
num2 = eval(input("enter the number 2:"))
print(num1+num2)
```

```
enter the number 1:85
enter the number 2:69
154
```

In [ ]:
```
def <function_name>():
    #write your code
```

In [2]:
```
def addition():
    num1 = eval(input("enter the number 1:"))
    num2 = eval(input("enter the number 2:"))
    print(num1+num2)

addition()
```

```
enter the number 1:565
enter the number 2:565
1130
```

- defining function will not give the error
- you will identify the error when you call the function only
- syntax error only will get, when define the function call

In [5]:
```
#wap ask the user enter three numbers
#fnd the average
# implement the function call
def average():

    n1=eval(input('Enter the num1:'))
    n2=eval(input('Enter the num2:'))
    n3=eval(input('Enter the num3:'))
    avg = (n1+n2+n3)/3 #avg = round((n1+n2+n3)/3,2)
    out=round(avg,2)
    print(f"the average of the {n1},{n2} and {n3} is {out}")
average()
```

```
Enter the num1:5
Enter the num2:5
Enter the num3:5
the average of the 5,5 and 5 is 5.0
```

In [7]:
```
#wap ask the user enter bill amount
# ask the user enter tip percentage
#calculate total bill
#implement the function
def totalbill():
    bill = eval(input("Enter the bill:"))
    tip =eval(input("Enter the tip percentage :"))
    tip_percent =(bill*tip)/100
    total_bill=bill+tip_percent
    print(f"The total bill is {total_bill} for the tip percent {tip}")

totalbill()
```

```
Enter the bill:85000
Enter the tip percentage :56
The total bill is 132600.0 for the tip percent 56
```

In [8]:
```
import random
random.randint()
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[8], line 2
      1 import random
----> 2 random.randint()

TypeError: Random.randint() missing 2 required positional arguments: 'a' and
'b'
```

- Functions and Methods both are same

In [9]:
```
print("hello")
print(1)
def addition1():
    num1 = eval(input("enter the number 1:"))
    num2 = eval(input("enter the number 2:"))
    print(num1+num2)
print("hello")
addition1()
print("bye")
```

```
hello
1
hello
enter the number 1:45
enter the number 2:63
108
bye
```

In [10]:
```
def addition56():
    try:

        num1 = eval(input("enter the number 1:"))
        num2 = eval(input("enter the number 2:"))
        print(num1+num2)
    except Exception as e:
        print(e)

addition56()
```

```
enter the number 1:58
enter the number 2:52
110
```

In [ ]:
```
#Basic codes Assignment : 3 days
```