

In [5]:

```
def multiply(numbers):
    m = 1
    for i in numbers:
        m = m * int(i)
    return m
if __name__ == "__main__":
    print("enter the option that you want")
    print("1)Addition")
    print("2)subtraction")
    print("3)multiplication")
    print("4)division")
    print("5)distance")
    print("6)interest")
    print("7)speed")
    option = int(input())
    if option == 1:
        numbers = input("Enter the numbers with space that you want to add ").split(" ")
        print("The result of addition is " +str(sum(int(i) for i in numbers)))
    elif option == 2:
        a = int(input("Enter the number from which you have to subtract "))
        numbers = input("Enter the numbers with space that you want to subtract ").split(" ")
        print("The result of subtraction is "+str(a-sum(int(i) for i in numbers)))
    elif option == 3:
        numbers = input("Enter the numbers with space that you want to multiply ").split(" ")
        print("The result of multiplication is "+str(multiply(numbers)))
    elif option == 4:
        a = float(input("Enter the dividend "))
        b = float(input("Enter the divisor "))
        print("The result of division is "+str(a/b))
    elif option == 5:
        a = float(input("Enter the speed "))
        b = float(input("Enter the time "))
        print("The distance is "+str(a*b))
    elif option == 6:
        a = float(input("Enter the principal "))
        b = float(input("Enter the rate "))
        c = float(input("Enter the time "))
        print("The interest is "+str((a*b*c)/100))
    else:
        a = float(input("enter the distance "))
        b = float(input("enter the time "))
        print("The speed is "+str(a/b))
```

enter the option that you want

1)Addition
2)subtraction
3)multiplication
4)division
5)distance
6)interest
7)speed
2

Enter the number from which you have to subtract 8

Enter the numbers with space that you want to subtract 1 2 3

The result of subtraction is 2

In []:

In []: