

In [9]:

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def Addition_digit(number):
    add_digit = 0
    for letter in str(number):
        add_digit+=int(letter)
    return add_digit

def Multiplication_digit(number):
    multiplication_digit = 1
    for letter in str(number):
        multiplication_digit*=int(letter)
    return multiplication_digit

if __name__=="__main__":
    number = int(input("Enter the number that you want "))
    print("Enter the option that you want ")
    print("1)Add all the digits of number ")
    print("2)multiply all the digits of number ")
    option = int(input())
    if option == 1:
        print("The result of addition of digits of {} is {}".format(number,Addition_digit(number)))
    else:
        print("The result of multiplication of digits of {} is {}".format(number,Multiplication_digit(number)))
```

```
Enter the number that you want 12334
Enter the option that you want
1)Add all the digits of number
2)multiply all the digits of number
2
The result of multiplication of digits of 12334 is 72
```

In []:

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