

```

#Armstrong--Task1
def isArmstrong(num):
    total=0
    temp=num

    if num >0:
        while temp>0:
            digit =temp%10
            total=total+(digit **3)
            temp=temp//10
        if total==num:
            return True
        else:
            return False
    else:
        return "Error in checking armstrong:the input should not be 0"

#fibonacci -Check
def isfibonacci(num):
    temp=0
    a=0
    b=1
    result=False

    while temp < num:
        temp=a+b
        if temp == num:
            result =True
        else:
            a=b
            b=temp
    return result

#Input display
def displayInput():
    x = int(input("Please Enter a number:"))
    return x

#main
def execute():
    print("****Number Operations****")
    print("[1]:Armstrong Check")
    print("[2]:Fibonacci Check")
    print("[3]:Exit")
    x=int(input("Selct Option:"))
    if x ==1:
        print("Is Armstrong?",isArmstrong(displayInput()))
    elif x==2:
        print("Is Fibonacci?",isfibonacci(displayInput()))
    else:

```

```
print("Program exited succesfully....!")
```

```
#function call  
execute()
```