

1) print insufficient balance if user enter an amount greater than acc balance

In [3]:

```
withdraw_amount=int(input("Enter Your Amount = "))
User_balance=1000

if withdraw_amount<=1000:
    print(withdraw_amount,"withdraw successfully")
else:
    print("Insuffcient Fund")
```

Enter Your Amount = 10000

Insuffcient Fund

2) check a number is even or odd

In [8]:

```
number=int(input("Enter The number = "))

if number%2==0:
    print(number,"is a Even Number")
elif number%2!=0:
    print(number,"is a Odd Number")

else:
    print("Try Again")
```

Enter The number = 10

10 is a Even Number

3) take a number as user input, print positive if it's greater than zero, negative if it is less than zero, zero if it is zero

In [11]:

```
number=int(input("Enter The Number = "))

if number>0:
    print(number,"is a positive number")
elif number==0:
    print("Zero")
else:
    print(number,"is a Negative Number")
```

Enter The Number = -4

-4 is a Negative Value

4)get a number as input, if it is a prime number print 'this is a prime number', else print ' this is not a prime number'

In [64]:

```
num=int(input("enter the number"))
if(num>1):
    for i in range(2,num):
        if(num%i)==0:
            print(num," is Not a prime number")
            break
    else:
        print(num," is Prime number")
else:
    print(num," is Not a prime number")
```

enter the number11

11 is Prime number

5) get a day as input, print have a great week ahead, if it is monday, print 'happy weekend' if it is Friday, print 'Be happy' for other days

In [31]:

```
Day=input("Enter The day = ")

if Day=="monday":
    print("have a great week ahead")
elif Day=="tuesday":
    print("be Happy")
elif Day=="wednesday":
    print("be Happy")
elif Day=="thursday":
    print("be Happy")
elif Day=="friday":
    print("Happy Weekend")
elif Day=="saturday":
    print("Be Happy")
elif Day=="sunday":
    print("Be Happy")
else:
    print("Error")
```

Enter The day = friday

Happy Weekend

6) get name and score of a student, print A+ if the score is 90-100, print A if the score is 80-89,.... print fail if less than 50 and if greater than 100 print invalid

In [27]:

```
name=input("Enter The Student Name = :")
Marks=int(input("Enter The Marks = : "))

if Marks>=90 and Marks<=100:
    print(name,"You score A+")
elif Marks<=89 and Marks>=80:
    print(name,"you score A ")
elif Marks>70 and Marks<=80:
    print(name,"you got B+")
elif Marks>60 and Marks<=70:
    print(name,"you got B")
elif Marks>50 and Marks<=60:
    print(name,"you got C+")
elif Marks>40 and Marks<=50:
    print(name,"you got C")
elif Marks<50:
    print(name,"Your Fail")
elif Marks>100:
    print("Invalid")
else:
    print("Some thing went Wrong")
```

Enter The Student Name = :Ajith

Enter The Marks = : 95

Ajith You score A+

7) eligibility check- get age as input, print you are eligible for vaccine if age>18, print not eligible if age<18

In [21]:

```
age=int(input("Enter Your Age = "))

if age>=18:
    print("You Are Eligible For Vaccination")
elif age<18:
    print("You Are Not Eligible for vaccination")
```

Enter Your Age = 14

You Are Not Eligible for vaccination