**Practical No:-** 4

**Title:** Write simple Python program to demonstrate use of conditional statements.

**Roll No.:**15 **Batch-** A **Date of Performance:** 18/01/2024

**Exercise-**



no=int(input("Enter a number:"))

if(no%2==0):

print(no,"is Even")

else:

print(no,"is Odd")

* **o/p**

Enter a number:54

54 is Even



import math

no=int(input("Enter a number:"))

print("Absolute Value of",no,"=",abs(no))

* **o/p**

Enter a number:-9

Absolute Value of -9 = 9

a,b,c=map(int,input("Enter 3 numbers:").split())

if((a>b and a>c)):

print(a,"is largest number")

elif((b>a and b>c)):

print(b,"is largest number")

else:

print(c,"is largest number")

* **o/p**

Enter 3 numbers:78 90 12

90 is largest number

year=int(input("Enter a Year:"))

if((year%4==0) and (year%100!=0 or year%400==0)):

print(year,"is a leap year")

else:

print(year,"is not a leap year")

* **o/p**

Enter a Year:2024

2024 is a leap year



no=int(input("Enter a number:"))

if((no>0)):

print(no,"is Positive")

elif((no<0)):

print(no,"is Negative")

else:

print(no,"is Zero")

* **o/p**

Enter a number:-19

-19 is Negative



a,b,c,d,e=map(int,input("Enter marks of 5 subjects=").split())

avg=(a+b+c+d+e)/5

print("Average Marks=",avg)

if(avg>=75):

print("Grade:First Class with Dist.")

elif(avg>=60 and avg<=74):

print("Grade:First Class")

elif(avg>=50 and avg<=59):

print("Grade:Second Class")

elif(avg>=40 and avg<=49):

print("Grade:Third Class")

else:

print("Grade:Fail")

* **o/p**

Enter marks of 5 subjects=78 92 83 88 96

Average Marks= 87.4

Grade:First Class with Dist.