**LEAP YEAR OR NOT LEAP YEAR**

**DATE: 30.12.22**

**EXP NO: 3-A**

**AIM:**

To identify leap year or not using python program

**PROGRAM:**

Year=int(input("Enter the number:"))

if((Year%4==0)or

(Year%100==0)and

(Year%400==0)):

print("Given Year is Leap Year")

else:

print("Given Year is Not Leap Year")

**OUTPUT:**

Enter the number:2020

Given Year is Leap Year

**RESULT:**

Hence we have solved the problem using python

**DATE: 30.12.22**

**EXP NO: 3-B**  **READ A CHARACTER,IF IT UPPER CASE PRINT ‘U’**

**AIM:**

To identify the character in uppercase using python

**PROGRAM:**

n=(input("Enter the charecter:"))

if((n>='A')and(n<='Z')):

print("U")

**OUTPUT:**

Enter the charecter:Imaya

U

**RESULT:**

Hence we have solved the program using python

**DATE: 30.12.22**

**EXP NO: 3-C TOTAL SALARY WITH BONUS CALCULATION**

**AIM:**

To calculate the total salary with bonus calculation using python

**PROGRAM:**

salary=int(input("Enter the Salary:"))

gender=input("Enter the Gender:")

if(gender=='M'or'm'):

bonus=10/100

bonus\_amt=bonus\*salary

print("Bonus Amt is:",bonus\_amt)

Total\_amt=bonus\_amt+salary

print("TotalAmount is:",Total\_amt)

elif(gender=='F'or'f'):

bonus=12/100

bonus\_amt=bonus\*salary

print("Bonus Amt is:",bonus\_amt)

Total\_amt=bonus\_amt+salary

print("TotalAmount is:",Total\_amt)

**OUTPUT:**

**CASE 1:**

Enter the Salary:15000

Enter the Gender:m

Bonus Amt is: 1500.0

TotalAmount is: 16500.0

**CASE 2:**

Enter the Salary:15000

Enter the Gender:f

Bonus Amt is: 1800.0

TotalAmount is: 16800.0

**RESULT:**

Hence we have solved the program using python