1.Program to find Leap year or not

Input :

#Program to find leap year or not

year = int(input("Enter the year :"))

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

print("The given year is a leap year")

else:

print("The given year is not a leap year")

Output 1 :

Enter the year :2020

The given year is a leap year

Output 2 :

Enter the year :2022

The given year is not a leap year

2.Program to read a character and print it is a Upper or Lower

Input :

n = input("Enter the character :")

if(n is 'A'and'Z'):

ch = 'U'

print(ch)

else:

print("invalid input")

Output 1 :

Enter the character :a

invalid input

Output 2 :

Enter the character :A

U

3.Program to Calculate total salary with Bonus calculation and print salary , bonus and total amount

M = 10%

F =12%

Input :

Amt = int(input("Enter the salary amount :"))

Gender = input("Enter the gender:")

if(Gender is 'M'):

bonusM = 0.10\*Amt

TotalM = bonusM+Amt

print("10% credited for 'M'",TotalM)

elif(Gender is 'F'):

bonusF = 0.12\*Amt

TotalF = bonusF+Amt

print("12% credited for 'F'",TotalF)

Output 1 :

Enter the salary amount :10000

Enter the gender:M

10% credited for 'M' 11000.0

Output 2 :

Enter the salary amount :10000

Enter the gender:F

12% credited for 'F' 11200.0