Expriment-3

Program:

#leap year or not

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

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

print(year,"is a leap year")

else:

print(year,"not a leap year")

Output:

enter the year:2000

2000 is a leap year

>>>

Program:

#Read a character if it is uppercase print U

ch=input("Enter a charater:")

if(ch>="A" and ch<="Z"):

ch="U"

print(ch)

else:

print("not valid")

Output:

Enter a charater:A

U

>>>

Program:

#total salary with bonus

s=int(input("enter your salary"))

gender=input("enter your gender")

if(gender=="male"):

bonus=s\*0.1

print("bonus is:",bonus,"/n","total salary is:",s+bonus)

else:

bonus=s\*0.12

print("bonus is:",bonus,"/n","total salary",s+bonus)

Output:

enter your salary20000

enter your gendermale

bonus is: 2000.0

total salary is: 22000.0

>>>