**EXPT.NO :3(A)**

**DATE:04.01.2023**

**Leap year**

INPUT

a=int(input("enter the number:"))

if(a%4==0):

print("leap year")

elif(a%100==0):

print("leap year")

elif(a%400==0):

print("leap year")

else:

print("not a leap year")

output

enter the number:2004

leap year

enter the number:1998

not a leap year

**EXPT.NO:3(B)**

**DATE:04.01.2023**

**Read the character if it is uppar print U**

a=input(“enter the value:”)

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

a="U"

print(a)

else:

print("invaild")

a=input("enter the character:")

OUTPUT

enter the character:J

U

**EXPT.NO:3(C)**

**DATE:04.01.2023**

**Total salary with Bonus calculation and print salary , bonus and total amount**

INPUT

a = input("Enter your gender :")

b = int(input("Enter your Salary:"))

if (a=='M'):

bon = (10/100)\*b

tot = bon+b

print(tot," is your total amount")

elif (a=='F'):

bon = (12/100)\*b

tot = bon+b

print(tot," is your total amount")

else:

print("Invalid Input")

OUTPUT

Enter your gender :M

Enter your Salary:10000

11000.0 is your total amount

Enter your gender :F

Enter your Salary:20000

22400.0 is your total amount

EXPT.NO:3(D)

DATE:04.01.2023

**Biggest of three number**

Input

n1=int(input("enter the first value:"))

n2=int(input("enter the second value:"))

n3=int(input("enter the third value:"))

if(n1>n2 and n1>n3):

print(n1,"is biggest number")

elif(n2>n3):

print(n2,"is biggest number")

else:

print(n3,"is biggest number")

output

enter the first value:3

enter the second value:10

enter the third value:9

10 is biggest number

**EXPT.NO:3(E)**

**DATE:04.01.2023**

**Odd or Even**

Input

num=int(input("enter the number"))

if(num%2==0):

print("number is even")

else:

("number is odd")

Output

enter the number8

number is even

enter the number:9

number is odd

EXPT.NO:3(F)

DATE:04.01.2023

**Student Grade Analysis**

Input

m=int(input("enter the mark"))

if(m>90):

print("grade O")

elif(m>80 and m<=90):

print("grade A+")

elif(m>70 and m<=80):

print("grade A")

elif(m>60 and m<+70):

print("grade B+")

elif(m>50 and m<=60):

print("grade B")

else:

print("grade U")

Output

enter the mark99

grade O

enter the mark90

grade A+

enter the mark80

grade A