# Leap year or not

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

if (a%4==0):

print(a," is a Leap Year")

elif (a%100==0):

print(a," is a Leap Year")

elif(a%400==0):

print(a," is a Leap Year")

else:

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

output:

Enter the year: 2020

2020 is a Leap Year

# Read a Character. If it is Upper Print U

a = input("Enter the character: ")

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

a = 'U'

print(a)

else:

print("Invalid input")

output:

Enter the character: L

U

# total salary with Bonus calculation and print salary , bonus and total amount

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:200000

220000.0 is your total amount

# .Biggest of three nos

a = int(input("Enter the Number 1:"))

b = int(input("Enter the Number 2:"))

c = int(input("Enter the Number 3:"))

if (a>b and a>c):

print(a," is the biggest number")

elif (b>c):

print(b," is biggest number")

else:

print(c," is the biggest number")

output:

Enter the Number 1:6

Enter the Number 2:5

Enter the Number 3:4

6 is the biggest number

# Odd or Even

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

if (a%2==0):

print(a," is an Even number")

else:

print(a," is a Odd number")

output:

Enter the number:22

22 is an Even number

# Student Grade Analysis

a = int(input("Enter the Mark:"))

if (a>=90):

print(" 'O' Grade")

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

print(" 'A+' Grade")

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

print(" 'A' Grade")

elif(a>=60 and a<70):

print(" 'B+' Grade")

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

print(" 'B' Grade")

elif(a<50):

print(" 'U' Grade")

else:

print("Invalid Input")

output:

Enter the Mark:98

'O' Grade