PYTHON PROGRAMMING ASSIGNMENT:-3

Q.N:-1. Using input() function take one number from the user and using ternary operators check whether the number is even or odd.

Code:-

# Input from user

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

#Check number is Even or Odd

if(n%2==0):

print("Number is Even")

else:

print("Number is Odd")

Output:-

Enter a number:9876567890

Number is Even

2. Using input function take two number and then swap the number.

Code:-

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

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

#Swapping

b,a=a,b

print("After swap 1st number:",b)

print("After swap 2nd number:",a)

Output:-

Enter 1st Number:7865

Enter 2nd Number:9864

After swap 1st number: 7865

After swap 2nd number: 9864

3. Write a Program to Convert Kilometers to Miles.

Code:-

# Conversion factor

m=0.621371 #1KM=0.621371 miles

km=float(input("Enter distance in Kilometer :"))

n=km\*m

print("Miles =",n)

Output:-

Enter distance in Kilometer :67

Miles = 41.631857000000004

4. Find the Simple Interest on Rs. 200 for 5 years at 5% per year.

Code:-

#si=p\*t\*r/100

p=200 #Rs.

t=5 #%per year

r=5 #years

#calculate simple interest

si=p\*t\*r/100

print("Simple Interest =",si)

Output:-

Simple Interest = 50.0