1. **Write a Python program to convert kilometers to miles?**

def convert(km):

miles=0.6214\*km

print(str(km) + " km is equalant to " +str(miles)+" miles")

def takeInput():

km=int(input("Enter KiloMeters to convert to Miles : "))

convert(km)

if \_\_name\_\_ == '\_\_main\_\_':

takeInput()

1. **Write a Python program to convert Celsius to Fahrenheit?**

def convert(cel):

far=(cel\*1.8)+32

print(str(cel)+ " celcius is equalant to "+str(far)+" fahrenheit")

def takeInput():

cel= int(input(" Enter celcius to convert into fahrenheit : "))

convert(cel)

if \_\_name\_\_=='\_\_main\_\_':

takeInput()

1. **Write a Python program to display calendar?**

import calendar

def displayCalendar(yy,mm):

print(calendar.month(yy,mm))

def takeInput():

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

mm=int(input("enter month: "))

displayCalendar(yy,mm)

if \_\_name\_\_=='\_\_main\_\_':

takeInput()

1. **Write a Python program to solve quadratic equation?**

import cmath

def calculation(a,b,c):

dis = (b\*\*2) - (4 \* a\*c)

ans1 = (-b-cmath.sqrt(dis))/(2 \* a)

ans2 = (-b + cmath.sqrt(dis))/(2 \* a)

print("roots are "+str(ans1)+" "+str(ans2))

def takeInput():

print(" ax\*\*2 + bx + c ")

a=int(input("enter value of a: "))

b=int(input("enter value of b: "))

c= int(input("enter value of c: "))

calculation(a,b,c)

if \_\_name\_\_=='\_\_main\_\_':

takeInput()

1. **Write a Python program to swap two variables without temp variable?**

Var1= 15

Var2 = 150

Var1,Var2 = Var2, Var1