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

Ans: #user defined input

K=int(input("enter value in Kilometeres"))

#converting kilometeres to miles

M=K\*0.621371

#printing miles

print("{} kilometeres is {} miles".format(K,M))

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

Ans: #user defined input

C=int(input("enter value in celsius"))

#converting celsius to farhenheit

F=(C\*(9/5))+32

#printing farhenheit

print("{} celsius is {} farhenheit".format(C,F))

1. Write a Python program to display calendar?

Ans: #user defined year and month

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

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

#displaying calendar

import calendar

print(calendar.month(year,month))

1. Write a Python program to solve quadratic equation?

Ans: # user defined coefficients

a=int(input("enter the coefficient for square term"))

b=int(input("enter the coefficient for single term"))

c=int(input("enter the constant"))

# finding roots

import math

exp1=math.sqrt((b\*b)-(4\*a\*c))

root1=-(-b+exp1)/(2\*a)

root2=-(-b-exp1)/(2\*a)

#printing roots

print(" the roots of quadratic equation with above coefficients are {} and {}".format(root1,root2))

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

Ans: #swap two values

#user defined values for triangle sides

a=int(input("enter value1"))

b=int(input("enter value2"))

#swapping

a,b=b,a

#values after swapping

print("value1 and value2 after swapping= ",a,b)