Python Basic Assignment 2

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

Ans:

kilometers = float(input("Tell me about the distance in kilometers "))

conv\_fact = 0.621371

miles = kilometers \* conv\_fact

print(" kilometers converted to meters gave the value {0}".format(miles))

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

Ans:

tempInCelsius = float(input("Give the temperature in Celsius"))

fahrenheit = (tempInCelsius \* 1.8) + 32

print("Temp in fahrenheit is {0}".format(fahrenheit))

1. Write a Python program to display calendar?

Ans:

import calendar

year = int(input("Enter year"))

month = int(input("Enter month"))

print(calendar.month(year,month))

1. Write a Python program to solve quadratic equation?

Ans:

import cmath

a = 1

b = 5

c = 6

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

sol1 = (-b-cmath.sqrt(d))/(2\*a)

sol2 = (-b+cmath.sqrt(d))/(2\*a)

print('The solution are {0} and {1}’.format(sol1,sol2))

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

Ans:

x=10

y=20

x,y = y,x

print("x is {0} and y is {1}".format(x,y))