**Python Assignment 2**

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

km = float(input("Enter value in kilometers: "))

m\_to\_k = 0.621371

miles = km \* m\_to\_k

print('%0.2f Kilometers = %0.2f Miles' %(km,miles))

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

f = float(input("Enter Temp. in Fahrenheit: "))

c = (f - 32) \* 5/9

print('%.2f Fahrenheit = %0.2f Celsius' %(f,c))

3. Write a Python program to display calendar?

import calendar

year =int(input("Enter Year for calendar: "))

print(calendar.calendar(year))

4. Write a Python program to solve quadratic equation?

import cmath

a = 1

b = 5

c = 6

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

Val1 = (-b-cmath.sqrt(d))/(2\*a)

Val2 = (-b+cmath.sqrt(d))/(2\*a)

print('The solutions are 1. {0} and 2. {1}'.format(Val1,Val2))

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

x = 5

y = 10

x, y = y, x

print("X = ", x)

print("Y = ", y)