# **Python Programming Assignment-2**

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

```
# Taking kilometers input from the user
kilometers = float(input("Enter value in kilometers: "))
# conversion factor
conv_fac = 0.621371
# calculate miles
miles = kilometers * conv_fac
print('%0.2f kilometers is equal to %0.2f miles' %(kilometers,miles))
```

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

```
celsius_1 = float(input("Temperature value in degree Celsius: " ))
Fahrenheit_1 = (celsius_1 * 1.8) + 32
print('The %.2f degree Celsius is equal to: %.2f Fahrenheit' %(celsius_1, Fahrenheit_1))
```

### 3. Write a Python program to display calendar?

import calendar

```
yy = 2021 # year
mm = 10 # month
print(calendar.month(yy, mm))
```

#### 4. Write a Python program to solve quadratic equation?

```
import math
# function for finding roots
def equationroots( a, b, c):
```

else:

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

```
x = 5
y = 7

print ("Before swapping: ")
print("Value of x : ", x, " and y : ", y)

# code to swap 'x' and 'y'
x, y = y, x

print ("After swapping: ")
print("Value of x : ", x, " and y : ", y)
```