▾ Programming Assignment_2

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

```
kilo_meter = 5.0
conversion_ratio = 0.621371
miles = kilo_meter * conversion_ratio
print("The speed value in Miles:\n", miles)
```

```
    The speed value in Miles:
     3.106855
```

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

```
celsius = 37.5
fahrenheit = (celsius * 1.8) + 32
print('%0.1f degree Celsius is equal to %0.1f degree Fahrenheit' %(celsius,fahrenheit))
```

```
    37.5 degree Celsius is equal to 99.5 degree Fahrenheit
```

3. Write a Python program to display calendar?

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

```
import calendar
# Enter the month and year
yy = int(input("Enter year: "))
mm = int(input("Enter month: "))

# display the calendar
print(calendar.month(yy,mm))
```

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

```
num1 = 10
num2 = 20
print("Before Swapping")
print(f'num1 : {num1} and num2 = {num2}')
num1 = num1 + num2
num2 = num1 - num2
num1 = num1 - num2
print("After Swapping")
print(f'num1 : {num1} and num2 = {num2}')
```

```
    Before Swapping
    num1 : 10 and num2 = 20
    After Swapping
    num1 : 20 and num2 = 10
```

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