1. Write a Python program to convert kilometers to miles

Soln:
```
km = 6
miles= km/1.609
print("distance in km = {} \ndistance in miles = {}".format(km,miles))
```

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2. Write a Python program to convert Celsius to Fahrenheit

Soln:
```
celsius = 35

fahrenheit = (9*celcius/5)+32

print("Celsius = {} \nEquivalent Fahrenheit = {}".format(celcius, fahrenheit))
```

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3. Write a Python program to display calendar?

Soln:
```
import calendar

year = 2023
print(calendar.calendar(year))
```

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4. Write a Python program to solve quadratic equation?

Soln:
```
import math

a = float(input("Enter the coefficient of x^2: "))
b = float(input("Enter the coefficient of x: "))
c = float(input("Enter the constant: "))

# calculate the discriminant
d = (b**2) - (4*a*c)

# find two solutions
```

```
sol1 = (-b-math.sqrt(d))/(2*a)
sol2 = (-b+math.sqrt(d))/(2*a)

print("The solutions are {0} and {1}".format(sol1, sol2))
```

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

Soln:

```
var1 = 6
var2 = 4

print('Before swap:\nvar1 = {} and var2 = {}'.format(var1, var2))
var2 = var1 + var2
var1 = var2 - var1
var2 = var2 - var1

print('\nAfter swap:\nvar1 = {} and var2 = {}'.format(var1, var2))
```