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

```
In [108]: km = int(input("Enter Kilometers"))
          miles = km * 0.621371
          miles

          Enter Kilometers10

Out[108]: 6.21371
```

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

```
In [111]: degree = int(input("Enter Degrees of temperature"))
          farenheit = (degree * 9/5) + 32
          farenheit

          Enter Degrees of temperature114

Out[111]: 237.2
```

3. Write a Python program to display calendar?

```
In [113]: import calendar

          yy = 2014   # year
          mm = 11     # month

          print(calendar.month(yy, mm))

             November 2014
          Mo Tu We Th Fr Sa Su
                          1  2
           3  4  5  6  7  8  9
          10 11 12 13 14 15 16
          17 18 19 20 21 22 23
          24 25 26 27 28 29 30
```

4. Write a Python program to solve quadratic equation?

```
In [122]: import cmath
          import math
          a = 3
          b = 2
          c = 6

          dis = (b**2) - (4 * a*c)

          ans1 = (-b-cmath.sqrt(dis))/(2 * a)
          ans2 = (-b + cmath.sqrt(dis))/(2 * a)

          print('The roots are')
          print("{:g}".format(ans1))
          print("{:g}".format(ans2))

          The roots are
          -0.333333-1.37437j
          -0.333333+1.37437j
```

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

```
In [123]: x = 5
          y = 10

          x, y = y, x
          print("x =", x)
          print("y =", y)

          x = 10
          y = 5
```