

1. Python program to convert kilometers to miles:

```
python
kilometers = float(input("Enter distance in kilometers: "))
miles = kilometers * 0.621371
print("{0} kilometers is equal to {1} miles".format(kilometers,
miles))
```

2. Python program to convert Celsius to Fahrenheit:

```
python
celsius = float(input("Enter temperature in Celsius: "))
fahrenheit = (celsius * 9/5) + 32
print("{0} Celsius is equal to {1} Fahrenheit".format(celsius,
fahrenheit))
```

3. Python program to display calendar:

```
python
import calendar
year = int(input("Enter the year: "))
month = int(input("Enter the month: "))
print(calendar.month(year, month))
```

4. Python program to solve quadratic equation:

```
python
import cmath

a = float(input("Enter coefficient a: "))
b = float(input("Enter coefficient b: "))
c = float(input("Enter coefficient c: "))

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

# find two solutions
sol1 = (-b - cmath.sqrt(d)) / (2*a)
sol2 = (-b + cmath.sqrt(d)) / (2*a)

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

5. Python program to swap two variables without temp variable:

```
bash
x = 5
y = 10

print("Before swap: x =", x, " y =", y)

# swap variables
x, y = y, x

print("After swap: x =", x, " y =", y)
```

In this program, we simply use tuple packing and unpacking to swap the values of the two variables.