

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

Sol :-

```
user_input = input('Enter the kilometers value to convert into miles:\n')
result = int(user_input) * 0.62137099999751455037
print(f'{user_input} kilometers is {result} miles')
```

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

Sol :-

```
user_input = int(input('Enter the celsius value to convert into Fahrenheit:\n'))
result = (user_input * 9/5 ) + 32
print(f'{user_input} Celsius is {result} Fahrenheit')
```

3. Write a Python program to display calendar?

Sol :-

```
import calendar
year = int(input('Enter the year:\n'))
month = int(input('Enter the month:\n'))
print(calendar.month(year, month))
```

4. Write a Python program to solve quadratic equation?

Sol :-

```
import cmath
a = 10
b = 15
c = 12
d = b**2 - 4*a*c
sol1 = (-b-cmath.sqrt(d))/(2*a)
sol2 = (-b+cmath.sqrt(d))/(2*a)
print(sol1)
print(sol2)
```

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

Sol :-

```
a = 10
```

```
b = 15
```

```
a = a + b
```

```
b = a - b
```

```
a = a - b
```

```
print(a)
```

```
print(b)
```