

# Solution\_Problem\_Set\_1

February 15, 2018

```
In [1]: cm = float(input('Centimeters: '))
        print('Meters: ', cm*0.01, 'm')
        print('Kilometers: ', cm*1e-5, 'km')
```

```
Centimeters: 1000
Meters:  10.0 m
Kilometers:  0.01 km
```

```
In [2]: c = float(input('Celsius: '))
        print('Fahrenheit: ', c*1.8+32, 'F')
```

```
Celsius: 100
Fahrenheit:  212.0 F
```

```
In [3]: x = int(input('x: '))
        y = int(input('y: '))
        print('x^y: ', x**y)
```

```
x: 2
y: 3
x^y:  8
```

```
In [4]: inputNumber = int(input('Enter the number: '))
        if inputNumber % 2 == 0:
            print(inputNumber, 'is EVEN.')
        else:
            print(inputNumber, 'is ODD.')
```

```
Enter the number: 10
10 is EVEN.
```

```
In [5]: ch = input()
        ch.isalpha()
```

```
z
```