**PYTHON PROGRAM**

**TASK 1:**

**Given a list iterate it and count the occurrence of each element and create a dictionary to show the count of each element**

Expected Output:

Original list [11, 45, 8, 11, 23, 45, 23, 45, 89]

Printing count of each item {11: 2, 45: 3, 8: 1, 23: 2, 89: 1}

**TASK 2:**

#### Given a following two sets find the intersection and remove those elements from the first set

Expected Output:

First Set {65, 42, 78, 83, 23, 57, 29}

Second Set {67, 73, 43, 48, 83, 57, 29}

Intersection is {57, 83, 29}

First Set after removing common element {65, 42, 78, 23}

**TASK 3:**

#### Given a dictionary get all values from the dictionary and add it in a list but don’t add duplicates

Given:

speed ={'jan':47, 'feb':52, 'march':47, 'April':44, 'May':52, 'June':53, 'july':54