

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Collections;
```

```
namespace ProgLab5
```

```
{
    class Program
    {
        static Dictionary<int, int> frekans(int[] d)
        {
            Dictionary<int, int> fre = new Dictionary<int, int>();

            foreach (int i in d)
            {
                if (fre.ContainsKey(i))
                {
                    fre[i]++; //dictionary nin i key li deęerini (value) bir arttır
                }
                else
                {
                    fre.Add(i,1); //dictionary nin iine belirtilen key i 1 deęeri ile ekle
                }
            }

            return fre;
        }

        static void Main(string[] args)
        {
            int[] diz = { 2, 2, 3, 3, 4, 5, 5, 66, 66, 3, 66, 75, 75, 75, 75, 75, 4, 6, 7, 8, 3, 7, 0 };
            //ArrayList alist = new ArrayList() { 2, 2, 3, 4, 5, 5, 66, 66, 66, 75, 75, 75, 75, 75, 4, 6, 7, 8, 3, 7, 0 }
;
            //List<int> llist = new List<int>() { 2, 2, 3, 4, 5, 5, 66, 66, 66, 75, 75, 75, 75, 75, 4, 6, 7, 8, 3, 7, 0 };
            Console.WriteLine("Eleman --- Frekans");
            Dictionary<int, int> frekanslistesi = frekans(diz);
            //KeyValuePair<int, int> x

            foreach (KeyValuePair<int, int> x in frekanslistesi)
            {
                Console.WriteLine("Sayı: {0} --- Frekans: {1}",x.Key,x.Value);
            }

            Console.ReadKey();
        }
    }
}
```