

```
1 namespace ResumenFunciones
2 {
3     public class Dictionary
4     {
5         // CONSTRUCTORES
6         public Dictionary<int, string> presetDictionary1 = new Dictionary<int, string>
7         {
8             [0] = "Portero",
9             [1] = "Central",
10            [2] = "Central Derecho"
11        };
12
13        public Dictionary<int, string> presetDictionary2 = new Dictionary<int, string>
14        {
15            {9, "Delantero" }, {10, "Punta" }, {11, "Falso Nueve" }
16        };
17
18        public Dictionary<char, string> newPresetDictionary = new Dictionary<char, string>();
19
20
21        // ADD VALUES
22        public static Dictionary<int, string> AddValueToDictionary (Dictionary<int, string> dictionary, int key, string value)
23        {
24            dictionary.Add(key, value);
25            return dictionary;
26        }
27
28        public void AddValueToDictionary(int key, string value)
29        {
30            presetDictionary1.Add(key, value);
31            presetDictionary2.Add(key, value);
32        }
33
34        // GETTERS
35
36        public static string GetValue(Dictionary<int, string> dictionary, int number)
37        {
38            return dictionary[number];
39        }
40
41        public (string, string) GetValue(int number)
42        {
43            return (presetDictionary1[number], presetDictionary2
44                [number]);
45        }
46
47        // LISTING DICTIONARIES
```

```
48     public static void ListDictionary(Dictionary<int, string> dictionary)
49     {
50         foreach (KeyValuePair<int, string> item in dictionary)
51         {
52             Console.WriteLine("" + item.Key + " : " + item.Value);
53         }
54     }
55
56     public void ListDictionary()
57     {
58         foreach (KeyValuePair<int, string> item in presetDictionary1)
59         {
60             Console.WriteLine("" + item.Key + " : " + item.Value);
61         }
62
63         foreach (KeyValuePair<int, string> item in presetDictionary2)
64         {
65             Console.WriteLine("" + item.Key + " : " + item.Value);
66         }
67     }
68
69     public void ListDictionary(int index)
70     {
71         Console.WriteLine(presetDictionary1[index]);
72         KeyValuePair<int, string> result = presetDictionary1.ElementAt(index);
73         Console.WriteLine(result.Key);
74         Console.WriteLine(result.Value);
75     }
76     public static void ToString(Dictionary<int, string> dictionary)
77     {
78         int key = dictionary.ElementAt(0).Key;
79         string result = key.ToString();
80
81         string value = dictionary.ElementAt(0).Value;
82         string resultValue = value.ToString();
83
84         Console.WriteLine(result + ", " + resultValue);
85     }
86 }
87 }
```