

function is expected to return a `STRING_ARRAY`.  
The function accepts `STRING_ARRAY` devicenames as parameter.

```
public static List<string> deviceNamesSystem(List<string> devicenames)
{
    List<string> finalNames = new List<string>();
    //int count = 1;
    int index = 0;
    //store deviceName and its count
    Dictionary<string, int> map = new Dictionary<string, int>();
    foreach( string deviceName in devicenames)
    {
        if(map.ContainsKey(deviceName))
        {
            map[deviceName] = map[deviceName] + 1;
            index = map[deviceName];
            finalNames.Add(deviceName + index);
        }
        else
        {
            map.Add(deviceName, 0);
            finalNames.Add(deviceName);
        }
    }
    return finalNames;
    //return result - List of unique names
}
```

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can input