1) Count occurrence of letter 'A' with Big O(1) Input String[] arr = { "A", "B", "C", "D", "E", "F", "F", "G", "A" };

```java
package mypack;

import java.util.*;

public class sixthtest
{
    public static void main(String args[])
    {
        String[] arr = { "A", "B", "C", "D", "E", "F", "F", "G", "A" };

        HashMap<String ,Integer> map = new HashMap<>();

        for(String s:arr)
        {
            if(map.containsKey(s))
            {
                map.put(s, map.get(s)+1);
            }
            else
            {
                map.put(s,1 );
            }
        }
        System.out.println("Count is: " + map.get("A"));
    }
}
```