

***** OUTPUT *****

Validation check:

```
Welcome to Online IDE!! Happy Coding :)
Which char would you like to check in the array:

A
3

** Process exited - Return Code: 0 **
```

```
char [][] letters = new char[][] {
    {'D', 'E', 'Y', 'H', 'A', 'D'},
    {'C', 'B', 'Z', 'Y', 'J', 'K'},
    {'D', 'B', 'C', 'A', 'M', 'N'},
    {'F', 'G', 'G', 'R', 'S', 'R'},
    {'V', 'X', 'H', 'A', 'S', 'S'},
};
```

```
Welcome to Online IDE!! Happy Coding :)
Which char would you like to check in the array:

Z
1
```

```
char [][] letters = new char[][] {
    {'D', 'E', 'Y', 'H', 'A', 'D'},
    {'C', 'B', 'Z', 'Y', 'J', 'K'},
    {'D', 'B', 'C', 'A', 'M', 'N'},
    {'F', 'G', 'G', 'R', 'S', 'R'},
    {'V', 'X', 'H', 'A', 'S', 'S'},
};
```

```
Welcome to Online IDE!! Happy Coding :)
Which char would you like to check in the array:

I
0
```

```
char [][] letters = new char[][] {
    {'D', 'E', 'Y', 'H', 'A', 'D'},
    {'C', 'B', 'Z', 'Y', 'J', 'K'},
    {'D', 'B', 'C', 'A', 'M', 'N'},
    {'F', 'G', 'G', 'R', 'S', 'R'},
    {'V', 'X', 'H', 'A', 'S', 'S'},
};
```

*** CODE ***

```
/*
```

Online Java - IDE, Code Editor, Compiler

Online Java is a quick and easy tool that helps you to build, compile, test your programs online.

```
*/
```

```
import java.util.*;
```

```
public class Main
```

```
{
```

```
    public static void main(String[] args) {
```

```
        System.out.println("Welcome to Online IDE!! Happy Coding :)");
```

```
        char [][] letters = new char[][] {
```

```
            {'D', 'E', 'Y', 'H', 'A', 'D'},
```

```
            {'C', 'B', 'Z', 'Y', 'J', 'K'},
```

```
            {'D', 'B', 'C', 'A', 'M', 'N'},
```

```
            {'F', 'G', 'G', 'R', 'S', 'R'},
```

```
            {'V', 'X', 'H', 'A', 'S', 'S'},
```

```
        };
```

```
        System.out.println("Which char would you like to check in the array:");
```

```
        Scanner scanner = new Scanner(System.in);
```

```
        String c = scanner.next();
```

```
        char[] lettersInput = c.toCharArray();
```

```
        char letter = lettersInput[0];
```

```
        Lettercounter lc = new Lettercounter(letters, letter);
```

```
        System.out.println(lc.getcount());
```

```
    }  
}
```

```
class Lettercounter
```

```
{
```

```
    int count=0;
```

```
    public int getcount()
```

```
    {
```

```
        return count;
```

```
    }
```

```
    public Lettercounter (char[][] letters, char letter)
```

```
    {
```

```
        //this is a uniform array with equal elements per row
```

```
        for (int i=0; i<letters.length; i++) // this goes through number rows..
```

```
        {
```

```
            for (int j=0; j<letters[0].length; j++)
```

```
            {
```

```
                if (letters[i][j]==letter)
```

```
                {
```

```
                    count ++;
```

```
                }
```

```
            }
```

```
        }
```

```
    }
```

```
}
```