

RATINGS COUNT

Code:

```
2  package com.mycompany.stringchar;
3
4  import java.util.*;
5  public class StringChar {
6
7      public static void main(String[] args) {
8          Scanner sc=new Scanner(System.in);
9          Scanner input = new Scanner(System.in);
10         int[] responses = new int[40];
11         int[] frequency = new int[11];
12         System.out.println("Enter 40 ratings (1 to 10):");
13         for (int i = 0; i < responses.length; i++) {
14             int rating;
15             do {
16                 System.out.print("Response " + (i + 1) + ": ");
17                 rating = input.nextInt();
18             } while (rating < 1 || rating > 10); // Validate rating
19
20             responses[i] = rating;
21             frequency[rating]++;
22         }
23         System.out.println("\nRating\tFrequency");
24         for (int i = 1; i <= 10; i++) {
25             System.out.println(i + "\t" + frequency[i]);
26         }
27         System.out.println("Hello World!");
28     }
29 }
```

Output:

Enter 40 ratings (1 to 10):

Response 1: 5

Response 2: 8

Response 3: 10

Response 4: 9

Response 5: 7

Response 6: 8

Response 7: 9

Response 8: 10

Response 9: 10

Response 10: 10

Response 11: 9

Response 12: 9

Response 13: 9

Response 14: 5

Response 15: 3

Response 16: 3

Response 17: 3

Rating	Frequency
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1	1
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2	0
---	---

3	3
---	---

4	1
---	---

5	3
---	---

6	1
---	---

7	4
---	---

8	12
---	----

9	9
---	---

10	6
----	---

Hello World!