China Border Protection Agency Satisfaction Survey v1.0

Welcome to China! Most of our visitors fly into China and pass through one of our many international airports. Upon exiting the plane, all visitor must first pass through the counters of border protection and talk to one of our agents face to face. Our agent checks your passport and any other necessary documents before you officially enter into China. At the end of this process, visitors are able to submit their satisfaction with the officer using the buttons on the counter.


```
Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 1
Your rating (1-4)? 0
You must enter a number from 1 to 4

Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 1
Your rating (1-4)? 4
Your rating is recorded.

Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 1
Your rating (1-4)? 2
Your rating is recorded.

Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 2
Highest Rating: 4
Lowest Rating: 2
Average Rating: 3

Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 3
The ratings for this officer is reset.

Welcome to China Border Protection
===== Satisfaction Survey ========
1- Submit Rating
2- View Rating
3- Reset Rating
0- Exit
Your choice? 2
There are no ratings for this officer yet.
```

You can see on the right hand side what the buttons look like. Before leaving the border control officer's counter, the visitor can press one of the 4 buttons to rate his/her experience and satisfaction with the officer.

There are 4 buttons: "Greatly Satisfied", "Satisfied", "Basically Satisfied" and "Not Satisfied". You can think of these as numbers from 1 to 4, where 4 stands for "Greatly Satisfied" and 1 stands for "Not Satisfied".

We want you to write a program for this system where we can keep track of an officer's satisfaction rating. Here are the features of the program:

1- Submit Rating [50]: This is where visitors will submit their rating -- a number from 1 to 4. Each visitor the officer serves has the option to press 1 and then submit their rating of the service they received as a number from 1 to 4. If user presses a number larger than 4 or smaller than 1 then provide an error message and go back to main menu.

2- View Rating [50]: This will display the lowest, highest and the average rating the officer has received since the launch of the program. At the time when we choose option 2, if there are no ratings, program should display "There are no ratings for this officer yet.".

3- Reset Rating [50]: Removes all rating information for the officer. It is like resetting the system as if there has been no rating -- as if the system has just started for this officer.

0- Exit [50]: We can exit the program by entering 0.

Avoid Penalties!
-100 points penalty if your code is not properly indented or contains no comments.