Write a program can be used to assign seat for a commercial airplane. The airplane has 13 rows and 6 seats in each row. Rows 1 and 2 are first class, rows 3 through 7 are business class and rows 8 through 13 are economy class.

Your program should:

* Display the seating arrangement with an asterix representing a seat.
* Ask the user if he/she wants to assign a seat.
* Ask the user for the row number.
* Ask the user for the letter that corresponds to the seat.
* Check if the seat is already taken. If it is not, replace the asterix with an ‘X’. Otherwise, output a message indicating that the seat is already taken.
* Continue the seat assignments as long as the user indicates that he/she would like to continue.

Here is a sample run of my program:







