Given a MxN matrix filled with '-' and you need to drop the balloons in the desiredcolumns starting from the bott columns starting from the bottom. You need to print om. You need to print the matrix when a new balloon the matrix when a new balloonis dropped.

You need to continue getting inputs until the box is full or until the user chooses to
stop.

TEST CASE :

Enter the matrix size(m*n) size(m*n) : 3 3
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- - -
- R -
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : B
Contents Contents of the matrix :
- - -
- B -
- R -
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 1
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- B -
R R -
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2

Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- R -
- B -
R R -

Do you wish to continue(Y continue(Y/N) : N
Program Stopped
Extended version of the previous problem. Now Extended version of the previous problem. Now you need to quit when a row become filled completel eed to quit when a row become filled completely.
**TEST CASE :**
Enter the matrix size(m*n) size(m*n) : 3 3
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- - -
- - -
- R -

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : B
Contents Contents of the matrix :

- - -
- B -
- R -

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- R -
- B -

- R -

Column is filled completely. Program is terminated.

Extended version of the previous problem. Now you need to drop balloon in the first free cell from left if the
specified column is filled in every row.

**TEST CASE :**

Enter the matrix size(m*n) size(m*n) : 3 3
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- - -
- - -
- R -

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : B
Contents Contents of the matrix :

- - -
- - -
B R -

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- - -
- - -
B R R

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :

- - -
- R -
B R R
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : B
Contents Contents of the matrix :
- - -
B R -
B R R
Do you wish to continue(Y continue(Y/N) : N
Program terminated.
Extended version of the previous problem. If any column has three continuous balloons of sam lumn has three continuous balloons of same colors t e colors then
we need to burst them.
TEST CASE :
Enter the matrix size(m*n) size(m*n) : 3 3
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- - -
- R -
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- - -
R R -

Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- - -
R R R
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
- R -
R R R
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : B
Contents Contents of the matrix :
- - -
R R -
R R R
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R
Contents Contents of the matrix :
- - -
R R R
R R R
Do you wish to continue(Y continue(Y/N) : Y
Enter the column number : 2
Enter the color of the balloon balloon : R

**Contents Contents of the matrix :**

**- - -**

**R - R**

**R - R**

**Do you wish to continue(Y continue(Y/N) : N**

**Program Terminated.**

**Extended version of the previous problem. Now you need to burst the three continuous colors in the same**

**row.**