General Instruction:

Apply the following C++ programming constructs in your code:

- User-defined functions: function with parameter, function returning a value.
- Dynamic Array

Program Specifications.

Part-1.

Application Name	"2D Search Key"
System Input	2D Array Dimension: Row, Column
	Elements of the 2D Array
	Search Key
Data Entry Validation	Array dimension must be an integer value.
	Answer to "Try Again?" is Y, y, N, n only
System Output	Provide error messages/notification for invalid data entry.
	Search key count and location.
	 Ask the user if he/she wants to "Try Again?"
	If answer is Y/y then repeat the whole process, else exit from the
	application.

Sample Screen Output

Input Array Dimension => Row : 3 Column : 4

Input Array Elements

2 4 6 8

1111

2 3 2 3

Search Key: 1

Search Key Count: 4

Search Key Location: [1,0][1,1][1,2][1,3]

Try Again? Y

Part-2.

Application Name	"2D Element Count"
System Input	2D Array Dimension: Row, Column
	Elements of the 2D Array
Data Entry Validation	Array dimension must be an integer value.
	Answer to "Try Again?" is Y, y, N, n only
System Output	Provide error messages/notification for invalid data entry.
	List of elements and its count.
	 Ask the user if he/she wants to "Try Again?"
	If answer is Y/y then repeat the whole process, else exit from the
	application.

Sample Screen Output

