Game 4 : algorithm

1- set array of integers from (0) to (16) and another array of strings from "0" to "16" .

2- Print the array of integers elements using "-","|" and " ".

3- set an infinite loop with truth condition unless the game ends and some one wins the loop will be broken.

4- take the input from 1st user as string that separated by "," into two strings represents string for 1st and 2nd strings.

5- if the string dosen't contain "," repeat from step (4).

6- split the string into two strings and check whether they belong the array of strings if not repeat from step (4).

7- turn the strings into their equivalent integer numbers .

8- if the two numbers aren't adjacent vertically or horizontally or they any one of them was chosen before

Repeat from step(4).

9- arrange the two number ascendingly to remove negative numbers error in conditions.

10- replace the values of positions of the numbers by "\*"

In the array.

11- check whether their still two numbers in the array that are adjacent else break out of the loop and print "1st user wins".

12- if loop hasn't been broken take input but from 2nd user and do same steps for input from step(4) to step(10).