**Sum – 100 game :**

1) the user chooses the number of players (1-2).

2) if the players = 2 .

* The first player enters number from 1 to 10 and from 1 to (100-sum) (errors are handled).
* Then we add to the sum the number of the first user .
* Then checking if the sum reaches 100.
* Repeat these steps with player 2 until one from them wins.

3) if the players = 1 .

* The player enters number from 1 to 10 and from 1 to (100-sum) in the same time.
* Then add this number to the sum.
* In strategy – based pc it makes somehow calculations to play the probably number.
* This strategy has a bug to make the user win.