

## Concentration

Display a list of pairs (hidden) numbered?

Allow user to choose an item.

- display item

Allow user to choose another

- check if matches

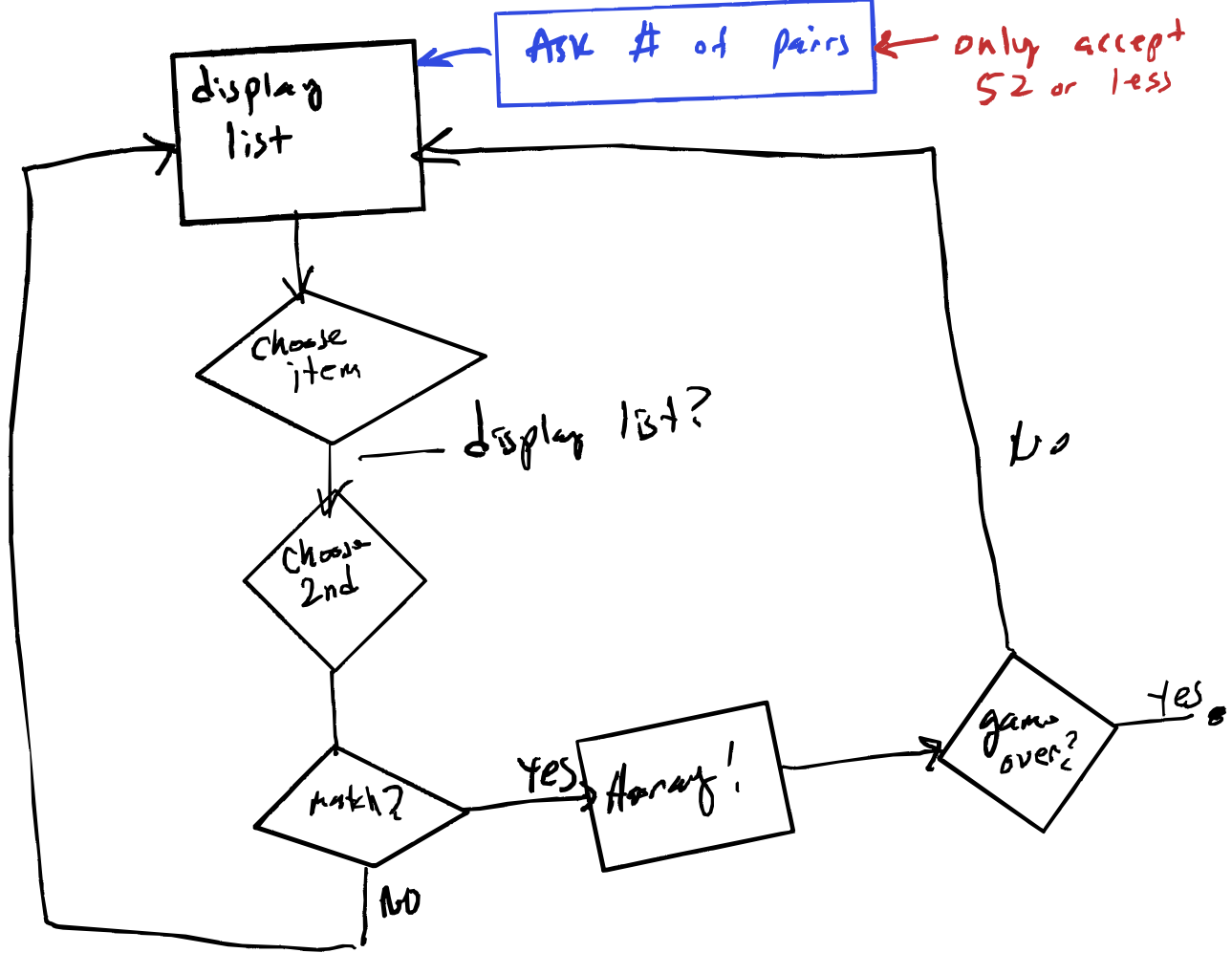
- yes - tell them

- no - let them pick another

check if all matched

when pick 3<sup>rd</sup> hide other two

- rinse & repeat



# Classes

Application → running game (psvm)

User Interface → interacting w/ user (Scanner)  
Sout

Game → manages the game

~~Array~~ List  
|  
index

→ display list

- checking for matches

- if game over

- build list

track choices

track matches

List

matches == list

Array List (2)

Hearts Display → ~~letter number~~ Playing Cards