

Computer and Society

Find the pair game (Memory game)

Using **HTML** - **CSS** - **JavaScript**

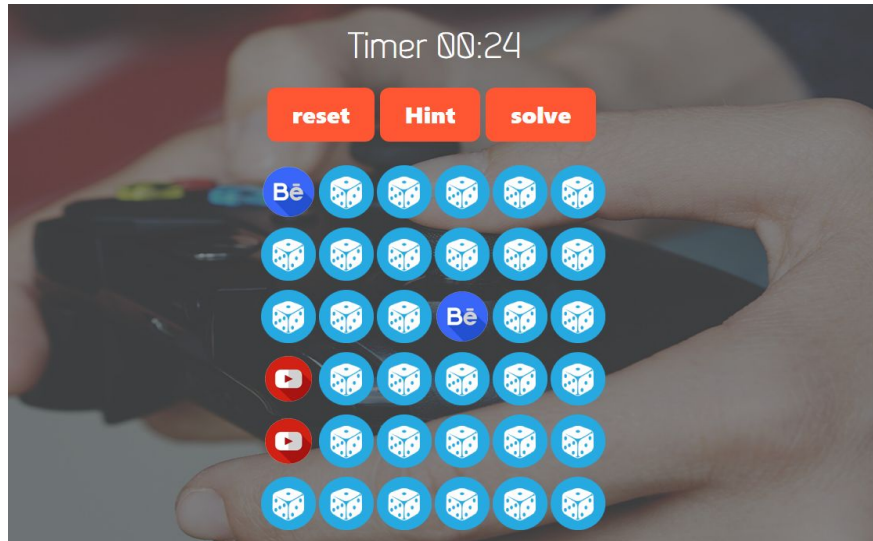


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What is find the pair game?

It's a memory game where there are many images their number = $n \times 2$ as each image has a pair (another image looks like it) and you should find all pairs in the shortest possible time with most possible score.

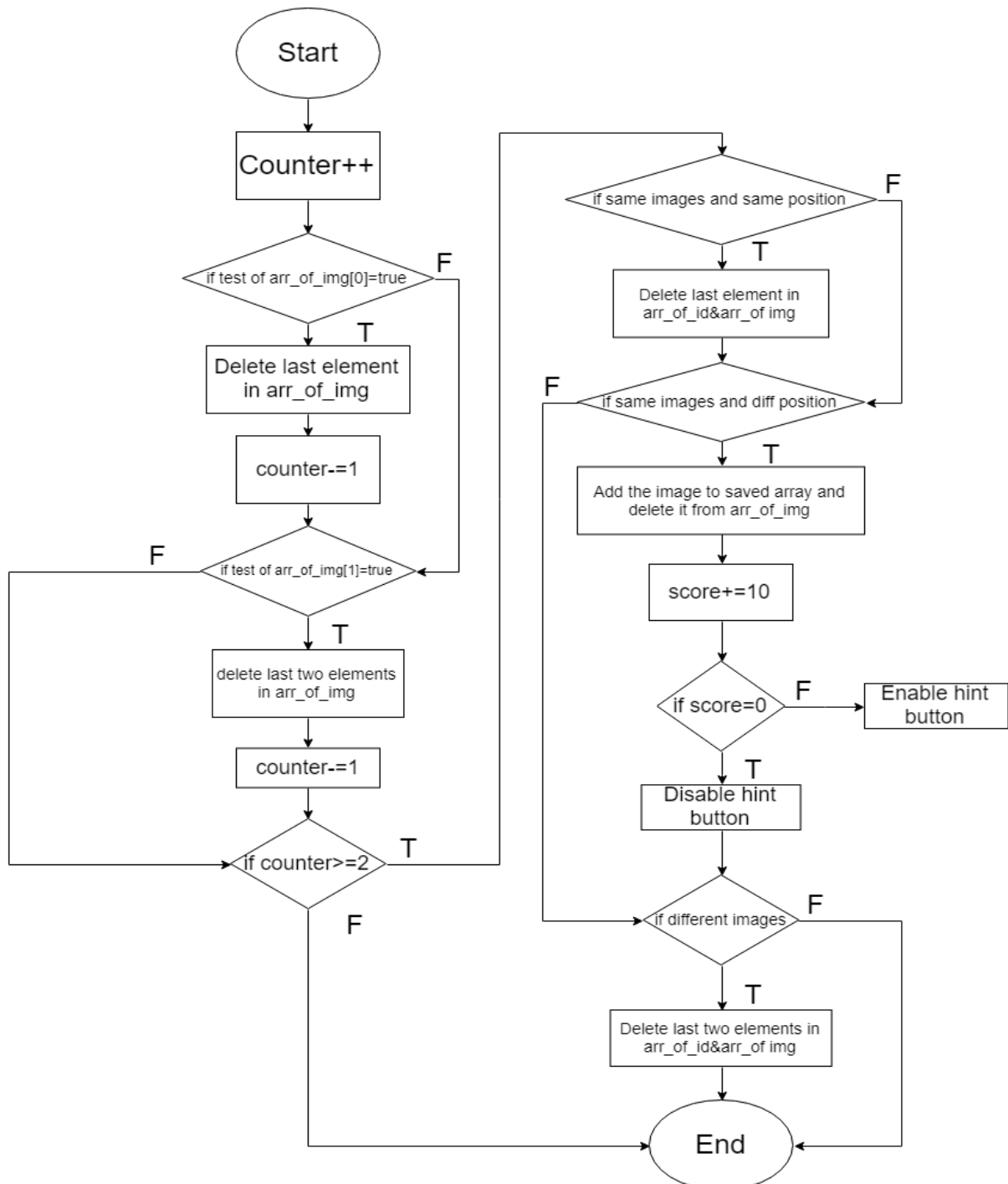


What's new in our game?

- It contains 3 levels : Easy level which contains 36 image (18 pair)
Medium level which contains 64 image (32 pair)
Hard level which contains 100 image (50 pair)
- Hint button : it's a feature depends on your score during the game as it works only if your score is bigger than 0
It helps you to find the next pair as when you press hint it leaves a red mark on 2 images (a pair).
- Solve button : it's the giving up button when you press solve it solves the remaining of your game.

Description of functions

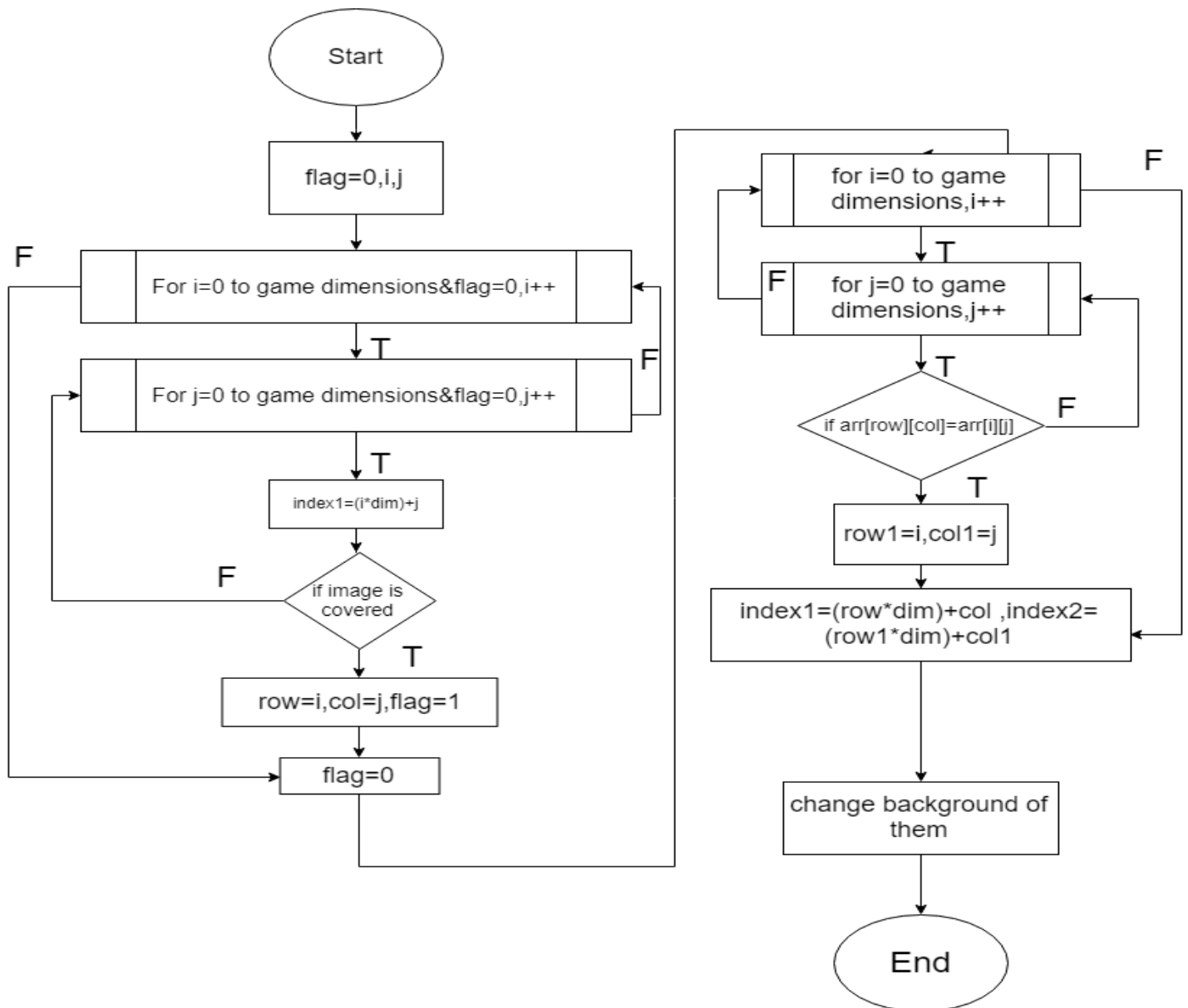
count : it counts the number of selected images and checks if images are the same or not.



saveImage : saving the selected image in (arr_of_img)array and the id in(arr_of_id)array

test : check if the selected image is uncovered.

hint : helping player to find similar pair.

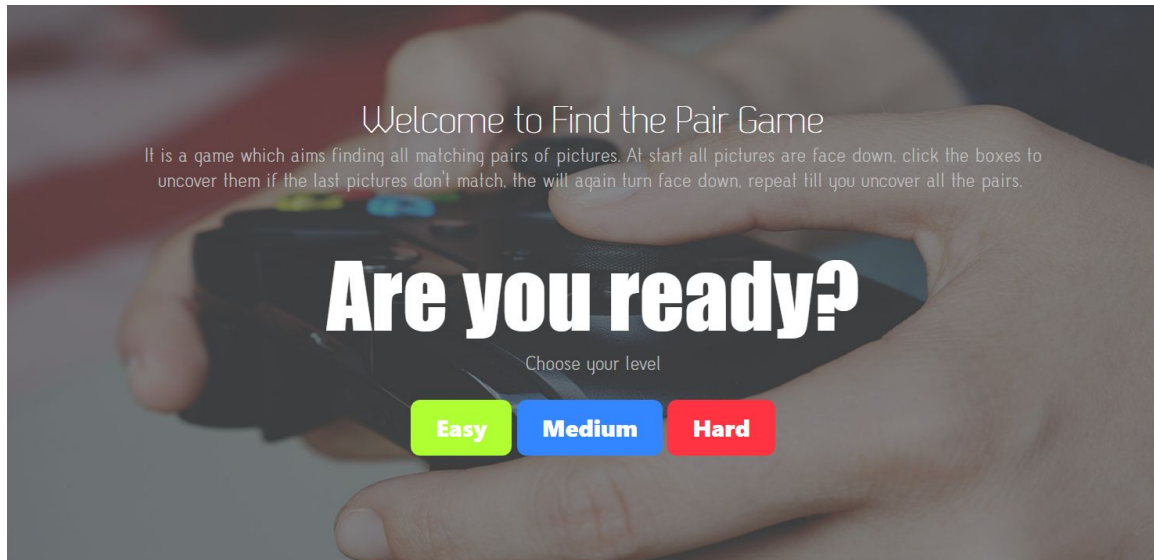


bg: changing the background color of the image and make it transparent.

solve: uncover all images.

User manual

Interface: it contains explanation for the game and 3 buttons to choose the level (easy - medium - hard)



Inside level: it contains the images hidden under the dice images and 3 buttons (reset - hint - solve)

Reset for reloading the game

Hint for helping you based on your score

Solve for giving up

Your score : for finding a pair without using hint button your score increases by +10

for finding a pair with using hint button your score decreases by -10 and it's important for using hint button as it only works if score is greater than zero.

