

Memory Game

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Subject: Computer and Society

Introduction:

Find the Pair is a challenging concentration memory game that requires players to spot the identical pairs in each level. Match pairs of shapes together with the help of your memory.

It is a game which aims finding all matching pairs of pictures. At start all pictures are face down, click the boxes to uncover them if the last pictures don't match, the will again turn face down, repeat till you uncover all the pairs.

It is implemented by HTML, CSS, JAVASCRIPT.

Design Overview:

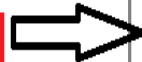


Click to start the game
and the grid is viewd for a few
seconds then the game will start and
it will change to restart and solve
button is enabled.



Start

Select the size of the
grid



Size

18 Pairs

Timer



Time 00 : 00 : 00

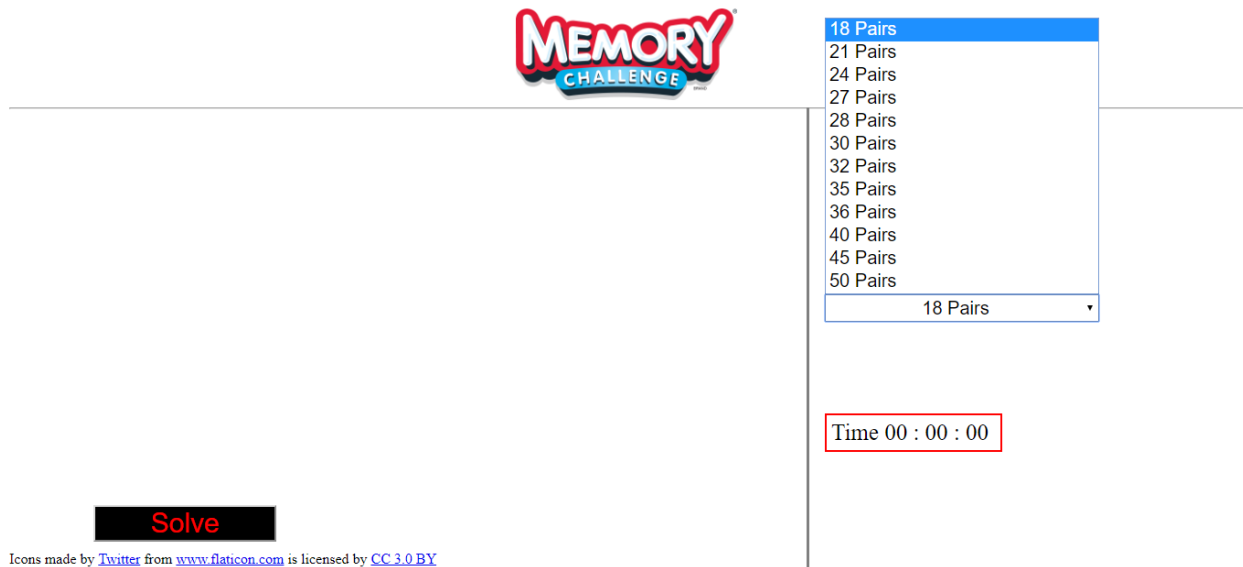
Solve



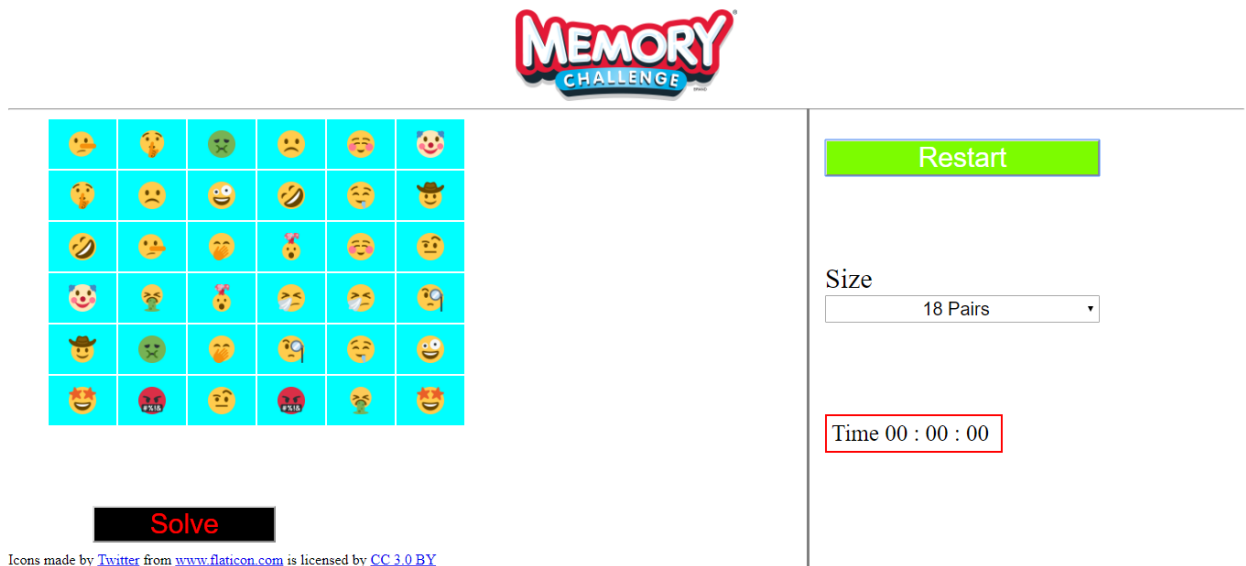
Click to reveale all the
images and forfite the
game

User Manual:


1. Select the size of the grid



2. Press Start to play and quickly remember where the pairs at



3. When the pictures disappear and timer start the game is begin



Solve


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Restart

Size
18 Pairs

Time 00 : 03 : 27

4. Click on the cells so the picture is revealed.



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Solve

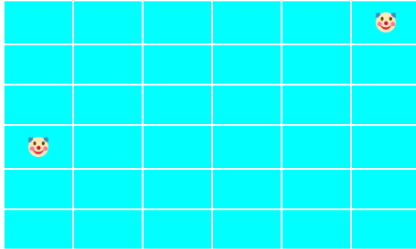
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Restart

Size
18 Pairs

Time 00 : 04 : 31

5. Try to find its pair pic.



Solve

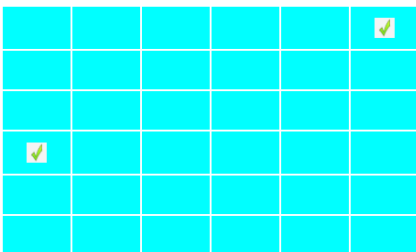
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Restart

Size

18 Pairs

Time 00 : 05 : 30



Solve

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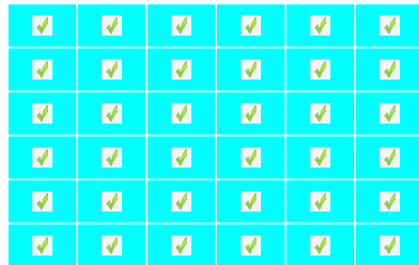
Restart

Size

18 Pairs

Time 00 : 05 : 46

6. Continue till you finish the game



Solve

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Restart

Size

18 Pairs

Time 00 : 01 : 41

Used data Structures:

- 2D array to store images number for each cell
- Array to prevent repeating an image more than twice
- Table in HTML to view the images and be the grid of the game