

**Faculty of Engineering
Alexandria University
Computer and Systems Engineering Department**

MEMORY GAME

By:

Afnan Mousa

Shimaa Kamal

Problem statement:

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, they will again turn face down, repeat till you uncover all the pairs.

You have to develop simple web page developing this game, you will use HTML, CSS and Java script.

Summarizing:

To design this game we need to use 3 essential languages: HTML, CSS and JAVASCRIPT.

Frist Html to build title in part of head and the links of

resource of icons. In part of body the main part is the div of game then the div of 36 memory card, and a div to contain button of start which replace to restart when press on it and timer, and button of solve which uncover all boxes.

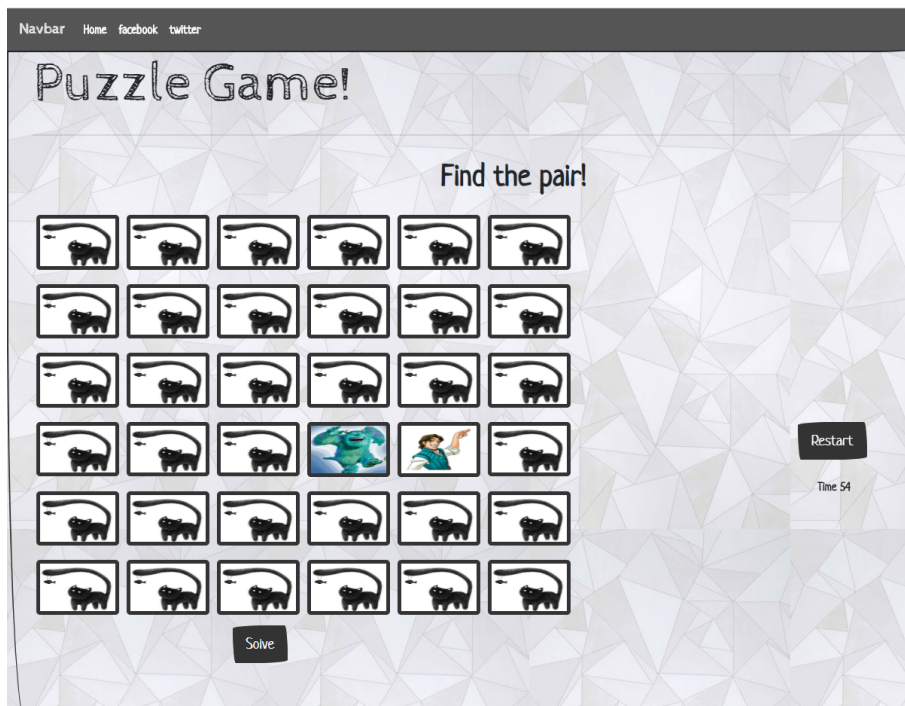
Second Css which design the style of web page..

Finally Javascript to code the whole program of

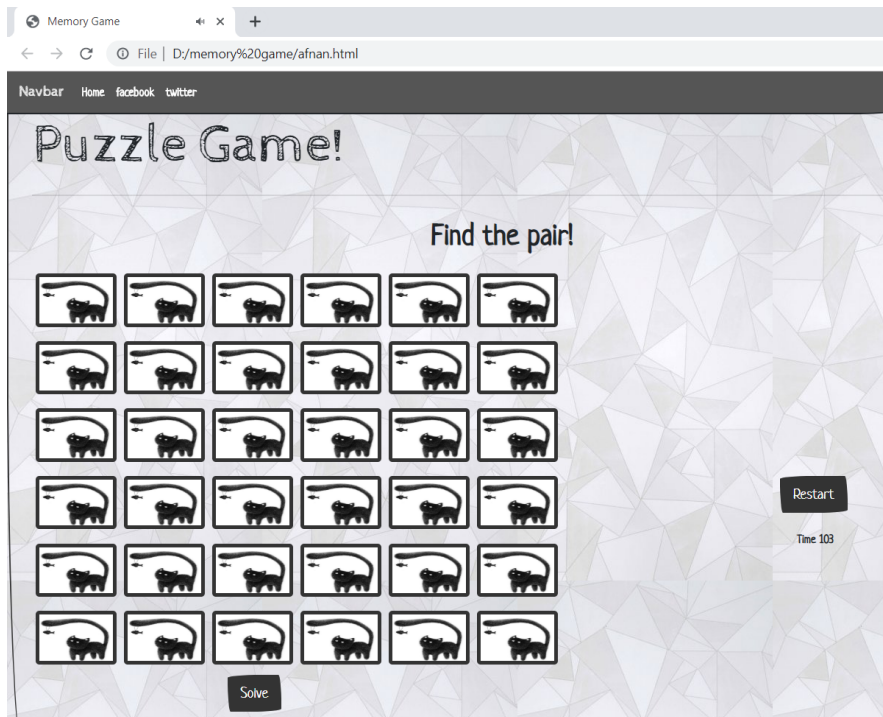
the game.

The game begins when the user press on 'start' botton and the **music** and the timer starts.

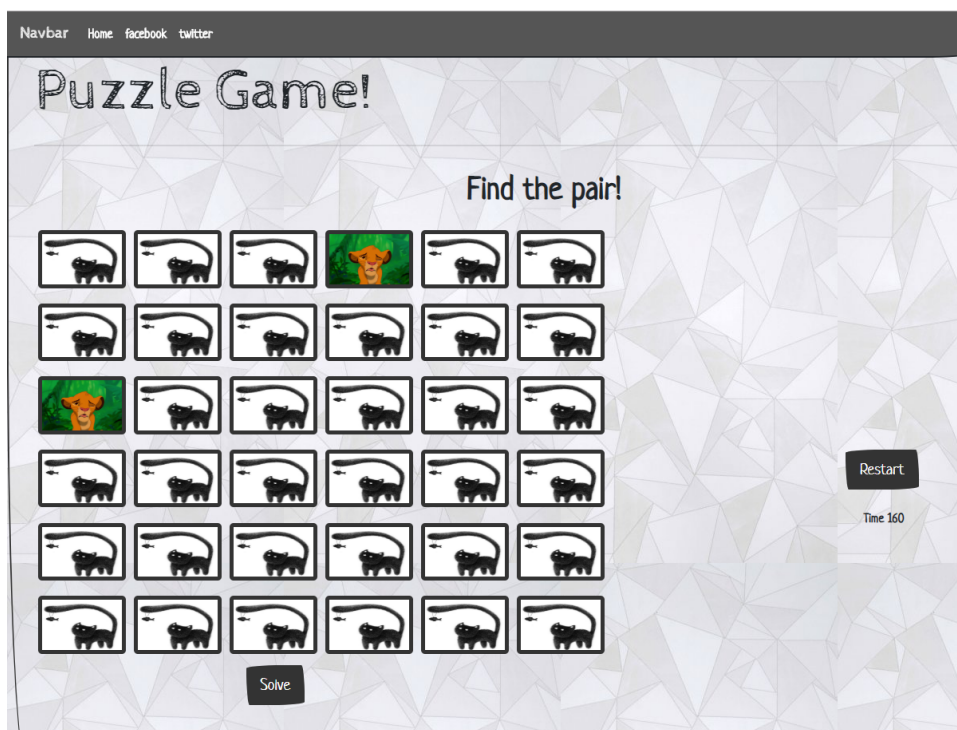
He can press **Only** on two **Different** cards to uncover them and then there is a fuction to check if the cards are mathing or not, if they are mathing they will be uncovered, if not they will return to be coverd.



And then they will covered again:



If matching:



If we press 'solve', all cards will be uncovered and music and timer stop:



Features :

- We add music when the game starts and it stops when the user uncovers all cards correctly or when he press 'solve'.
- The user can go to Google, Facebook or twitter when he play the game:

