

Guide to Install and Play 'Memory Game'

1. Installation

Following sections will assist you in installing this game on your machine.

1.1. Pre-requisite

Browser: All recent browsers support this game.

JavaScript: Your browser must support JavaScript to run this game.

PHP and Local Server: You must have PHP and a local server, such as Apache, installed and running on your machine.

MySQL: Install and run MySQL latest version on your machine.

JQuery and Bootstrap: Game uses JQuery and Bootstrap to run its functions. You don't need to install these things as they are already configured in the code and their respective files are stored in the game folder.

1.2. Running the game:

Database Setup:

Find 'scores.sql' file in the MemoryGame folder. Run the script in the file to setup the required database and table.

Running Game:

Place the 'MemoryGame' folder, found in the game archive, in the root folder of the server. First check if the 'localhost' is working by writing 'localhost' in your browser and pressing enter. If the server is working, write following url in the browser and press enter:

localhost/MemoryGame

2. How to play the game

The layout of the game and instructions on how to play the game are explained in the following sections.

2.1. Basic Layout:

The first screen that appears on the page contains a board with 4 rows and 4 columns of cards facing upside down. The board has got a menu frame on the right side. This frame contains logo, score and a restart button. The score will display secured points during the game and restart

button will allow you to restart the game anytime, either during the game or at the end of the game.

2.2. Game Introduction

This game is memory game. There are 16 cards on the main game board. All cards are faced upside down. Each card has its color on its face. All cards are in pairs. Each pair has same color. You have to find each pair by selecting them simultaneously. If you don't select a pair with same colours simultaneously the selected cards will go upside down again. Selection of two cards brings you -1 or +1 point. If you select a pair (cards with same colour) together, you are rewarded with 1 point, but if you select two different coloured cards together, 1 point is deducted from your score.

2.3. Playing Instructions:

The game is played with arrow keys. You can navigate through the board using left, right, up and down arrows on your keyboard. To reveal the colour of the card, you should use 'enter' key.

2.4. End of the Game:

After you have revealed all pairs successfully, you are presented with your final score in a popup window. You are asked to enter your name and email address, which is stored in the database along with your final score.