

## ASSIGNMENT 2

### 1. Git Hub Finder:

Source:

Login.html

```
<!--A Design by W3layouts
Author: W3layout
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
-->
<!DOCTYPE HTML>
<html>
<head>
  <title>GitHubFinder</title>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta name="keywords" content="Movie_store Responsive web template, Bootstrap
Web Templates, Flat Web Templates, Andriod Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyErricsson, Motorola web design" />
  <script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1);
} </script>
  <link href="css/bootstrap.css" rel='stylesheet' type='text/css' />
  <link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
  <!-- start plugins -->
  <script type="text/javascript" src="js/jquery-1.11.1.min.js"></script>
  <link
href='http://fonts.googleapis.com/css?family=Roboto+Condensed:100,200,300,400,500,6
00,700,800,900' rel='stylesheet' type='text/css'>
</head>
<body>

<div class="container">
  <div class="container_wrap">
    <div class="header_top">
      <div class="col-sm-3 logo"><a href="index.html"></a></div>
      <div class="clearfix"> </div>
      <div><h3>Git Hub Fider</h3></div>
      <div class="clearfix"> </div>
    </div>
    <div class="content">
      <div class="register">
        <div class="register-bottom-grid" >
          <h3>User Login</h3>
          <div>
            <span>Email Address<label>*</label></span>
            <input type="text">
          </div>
          <div>
            <span>Password<label>*</label></span>
            <input type="password">
          </div>
          <div class="clearfix"> </div>
          <div class="clearfix"> </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<div class="register-but">
  <form action="home.html">
    <input type="submit" value="submit">
    <div class="clearfix"> </div>
  </form>
</div><br>
<div>
  Not Registered? <a href="register.html">Register</a>
</div>

</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
</div>

<script type="text/javascript">

  var p = document.createElement('script');
  p.type='text/javascript';
  p.async=true;
  p.src='https://apis.google.com/js/client:plusone.js?onload=onloadFunction() ';
  var s = document.getElementsByTagName('script')[0];
  s.parentNode.insertBefore(p,s);

</script>

<script src="http://connect.facebook.net/en_US/all.js"></script>
<script type="text/javascript">
  window.fbAsyncInit = function() {
    FB.init({
      appId      : '1927270067503561',
      xfbml      : true,
      version     : 'v2.8',
      status     : true
    });
  };
  (function(d, s, id){
    var js, fjs = d.getElementsByTagName(s)[0];
    if (d.getElementById(id)) {return;}
    js = d.createElement(s); js.id = id;
    js.src = "//connect.facebook.net/en_US/sdk.js";
    fjs.parentNode.insertBefore(js, fjs);
  }(document, 'script', 'facebook-jssdk'));
</script>
</body>
</html>
```

## Register.html

```
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-->
<!DOCTYPE HTML>
<html>
<head>
<title>GitHubFinder</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Movie_store Responsive web template, Bootstrap Web
```

```
Templates, Flat Web Templates, Andriod Compatible web template,  
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,  
SonyErricsson, Motorola web design" />  
<script type="application/x-javascript"> addEventListener("load", function() {  
    setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1);  
} </script>  
<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />  
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />  
<!-- start plugins -->  
<script type="text/javascript" src="js/jquery-1.11.1.min.js"></script>  
<link  
href='http://fonts.googleapis.com/css?family=Roboto+Condensed:100,200,300,400,500,6  
00,700,800,900' rel='stylesheet' type='text/css'  
</head>  
<body>  
<div class="container">  
    <div class="container_wrap">  
        <div class="header_top">  
            <div class="col-sm-3 logo"><a href="index.html"></a></div>  
            <div class="clearfix"> </div>  
            <div><h3>Git Hub Fider - Registration</h3></div>  
            <div class="clearfix"> </div>  
            </div>  
            <div class="content">  
                <div class="register">  
                    <form>  
                        <div class="register-top-grid">  
                            <h3>Personal Information</h3>  
                            <div>  
                                <span>First Name<label>*</label></span>  
                                <input type="text">  
                            </div>  
                            <div>  
                                <span>Last Name<label>*</label></span>  
                                <input type="text">  
                            </div>  
                            <div>  
                                <span>Email Address<label>*</label></span>  
                                <input type="text">  
                            </div>  
                            <div class="clearfix"> </div>  
                            <a class="news-letter" href="#">  
                                </a>  
                            </div>  
                            <div class="register-bottom-grid">  
                                <h3>Login Information</h3>  
                                <div>  
                                    <span>Password<label>*</label></span>  
                                    <input type="password">  
                                </div>  
                                <div>  
                                    <span>Confirm Password<label>*</label></span>  
                                    <input type="password">  
                                </div>  
                                <div class="clearfix"> </div>  
                            </div>  
                        </form>  
                        <div class="clearfix"> </div>  
                        <div class="register-but">  
                            <form action="login.html">  
                                <input type="submit" value="submit">  
                                <div class="clearfix"> </div>  
                            </form>  
                        </div><br>  
                        <div>Have an account?<a href="login.html">Login</a></div>  
                    </div>
```

```
</div>
</div>
</div>
</body>
</html>
```

Home.html

```
<!--A Design by W3layouts
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License URL: http://creativecommons.org/licenses/by/3.0/
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<html>
<head>
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<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
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Web Templates, Flat Web Templates, Andriod Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyErricsson, Motorola web design" />
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1);
} </script>
<link href="css/bootstrap.css" rel='stylesheet' type='text/css' />
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!-- start plugins -->
<script type="text/javascript" src="js/jquery-1.11.1.min.js"></script>
<link
href='http://fonts.googleapis.com/css?family=Roboto+Condensed:100,200,300,400,500,6
00,700,800,900' rel='stylesheet' type='text/css'>
<script src="js/script.js"></script>
</head>
<body>
<div class="container">
<div class="container_wrap">
<div class="header_top">
<div class="col-sm-3 logo"><a href="index.html"></a></div>
<div class="clearfix"> </div>
<div><h3>Git Hub Fider</h3></div>
<div class="clearfix"> </div>
</div>
<div class="content">
<div class="register">
<div class="register-top-grid">
<h3>Search for the user</h3>
<div>
<span>User<label>*</label></span>
<input id="searchUser" type="text">
</div>
<div class="clearfix"> </div>
<a class="news-letter" href="#">
</a>
</div>
<div id="profile">
```

```
        </div>
        <div class="clearfix"> </div>

        <div class="clearfix"> </div>

    </div>
</div>
</div>
</div>
</div>
</div>
</body>
</html>

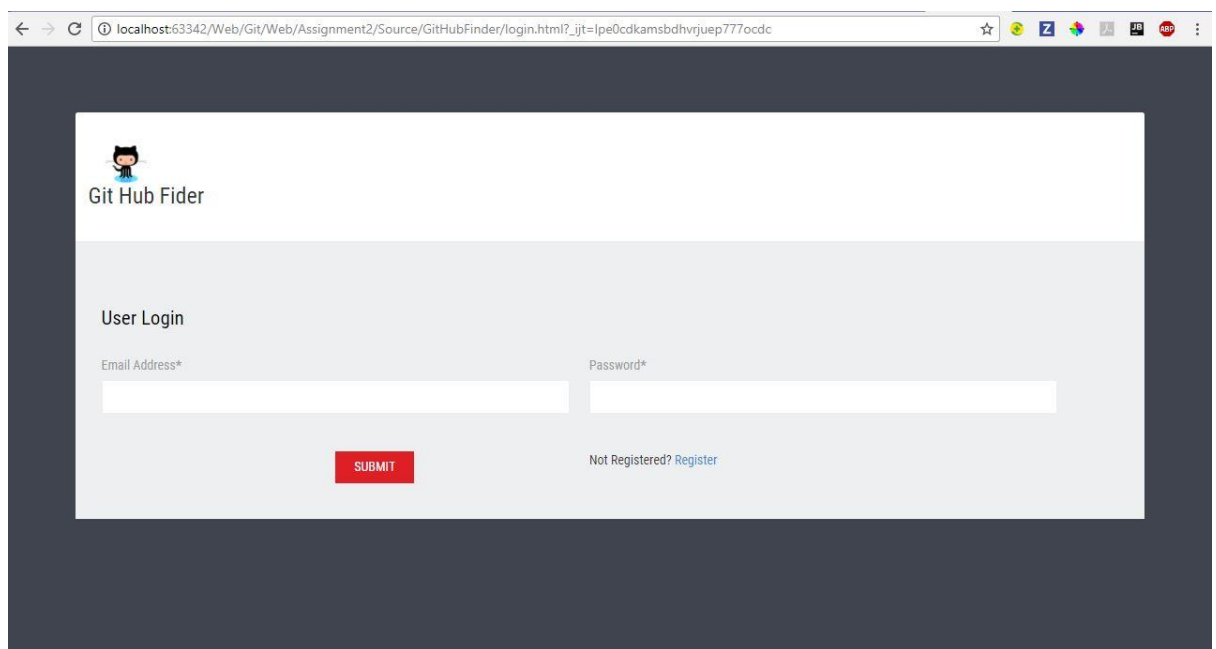
$(document).ready(function() {
    $("#searchUser").on('keyup', function(e) {
        let username=e.target.value;
        $.ajax({
            url: 'https://api.github.com/users/'+username,
            data:
            {
                client_id:"ab91b905f85e14dac255",
                client_secret:"329f81b45c5e9a16a37f14d44ed2a6cea3fadd9a"
            }
        }).done(function(user) {
            $.ajax({
                url: 'https://api.github.com/users/'+username+'/repos',
                data:
                {
                    client_id:"ab91b905f85e14dac255",
                    client_secret:"329f81b45c5e9a16a37f14d44ed2a6cea3fadd9a"
                }
            }).done(function(repos) {
                $.each(repos, function(index, repo) {
                    $("#repos").append(`
                    <div class="well">
                    <div class="row">
                    <div class="col-md-2">
                    <strong><u>${repo.name}</u></strong>
                    </div>
                    `);
                });
            });
            $('#profile').html(`
<div class="panel panel-default">
    <div class="panel-heading">
        <h3 class="panel-title">${user.name}</h3>
    </div>
    <div class="panel-body">
        <div class="row">
            <div class="col-md-3">
                
            </div>
            <div class="col-md-9">
                <span>Public Repos: ${user.public_repos}</span>
                <span>Public Gists: ${user.public_gists}</span>
                <span>Followers: ${user.followers}</span>
                <span>Following: ${user.following}</span>
            </div>
        </div>
        <br>
        <br>
        <ul class="list-group">
            <li class="list-group-item">Company: ${user.company}</li>
            <li class="list-group-item">Website/Blog: ${user.blog}</li>
        </ul>
    </div>
</div>
    `);
        });
    });
});
```

```


        <li class="list-group-item">Location: ${user.location}</li>
        <li class="list-group-item">Member Since: ${user.created_at}</li>
      </ul>
    </div>
  </div>
</div>
<h3 class="page-header">Repositories</h3>
<div id="repos"></div>
`);
    });
  });
});

```

Screenshots:



← → ↻ ⓘ localhost:63342/Web/Git/Web/Assignment2/Source/GitHubFinder/register.html ☆ 🌐 📄 📁 📂 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿



## Git Hub Fider - Registration

**Personal Information**

First Name\*

Vinuthna

Last Name\*

Gummadi

Email Address\*

vinuthna.gummadi@gmail.com

**Login Information**

Password\*

....


Confirm Password\*

....

SUBMIT

Have an account? [Login](#)

← → ↻ ⓘ localhost:63342/Web/Git/Web/Assignment2/Source/GitHubFinder/login.html? ☆ 🌐 📄 📁 📂 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿



## Git Hub Fider

**User Login**

Email Address\*

vinuthna.gummadi@gmail.com


Password\*

....

SUBMIT

Not Registered? [Register](#)

← → ↻ localhost:63342/Web/Git/Web/Assignment2/Source/GitHubFinder/home.html? ☆ 🌐 📄 📁 📂 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿



Git Hub Fider

Search for the user

User\*


← → ↻ localhost:63342/Web/Git/Web/Assignment2/Source/GitHubFinder/home.html? ☆ 🌐 📄 📁 📂 📅 📆 📇 📈 📉 📊 📋 📌 📍 📎 📏 📐 📑 📒 📓 📔 📕 📖 📗 📙 📚 📛 📜 📝 📞 📟 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿

Git Hub Fider

Search for the user

User\*

Soumith Chintala

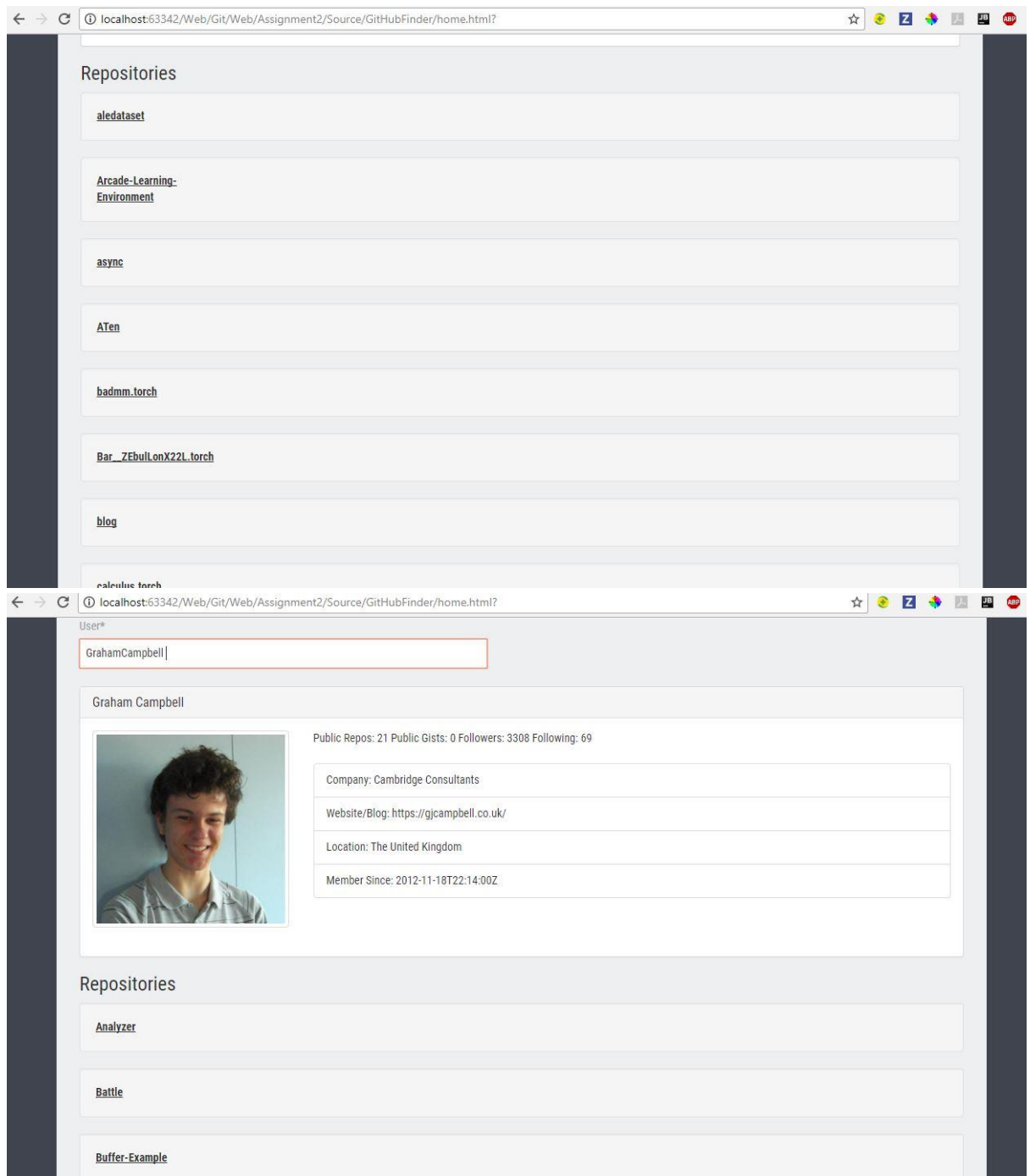


Public Repos: 134 Public Gists: 33 Followers: 3708 Following: 374

Company: Facebook AI Research
Website/Blog: <a href="http://soumith.ch">http://soumith.ch</a>
Location: New York, USA
Member Since: 2012-01-06T23:20:12Z

Repositories





## 2. Angular 2 tictactoe game

Source:

Index.html

```
<html>
```

```
<head>
```

```
<title>Angular 2 Tic-tac-toe</title>
```

```
<script src="node_modules/angular2/bundles/angular2-polyfills.js"></script>
```

```
<script src="node_modules/systemjs/dist/system.src.js"></script>
```

```
<script src="node_modules/rxjs/bundles/Rx.js"></script>
```

```
<script src="node_modules/angular2/bundles/angular2.dev.js"></script>

<script>
  System.config({
    packages: {
      dist: {
        format: 'register',
        defaultExtension: 'js'
      }
    }
  });
  System.import('dist/boot')
    .then(null, console.error.bind(console));
</script>

<link rel="stylesheet" href="styles.css" />

</head>

<body>
  <my-app>Loading...</my-app>
</body>

</html>
```

### App.components.ts

```
import {Component} from 'angular2/core';
import game from './game';

@Component({
  selector: 'my-app',
  template: `
    <h1>Angular 2 Tic Tac Toe</h1>
    <div class="board">
      <div *ngFor="#row of board;#rowNo=index" class="row">
        <div *ngFor="#cell of row;#colNo=index" class="cell"
          (click)="cellClicked(rowNo, colNo)">
          <span class="marker" *ngIf="cell===0">X</span>
          <span class="marker" *ngIf="cell===1">O</span>
        </div>
      </div>
    </div>
    <div class="gameResults" *ngIf="winner===0">Winner: First Player</div>
    <div class="gameResults" *ngIf="winner===1">Winner: Second Player</div>
    <button class="restart" (click)="restart()">Restart</button>`
})

export class AppComponent {
  public currentPlayer = 0;
  public board = game.createBoard();
  public winner;

  restart() {
    this.board = game.createBoard();
    this.winner = null;
    this.currentPlayer = 0;
  }

  cellClicked(row, col) {
    if (this.board[row][col] === 0 || this.board[row][col] === 1 || this.winner
    != null)
      return;

    this.currentPlayer++;
    this.board[row][col] = this.currentPlayer % 2 ? 0 : 1;
  }
}
```

```
        var checkResult = game.checkBoard(this.board);

        if (checkResult) {
            this.winner = checkResult.winner;
        }
    }
}
```

#### board.component.ts

```
import {Component} from 'angular2/core';
import { Row } from './row.component';

@Component({
    selector: '.board',
    template: '<div class="row" *ngFor="#value of values">{{value}}</div>',
    directives: [ Row ]
})
export class Board {
    values: number[] = [1, 2, 3];
}
```

#### cell.component.ts

```
import {Component} from 'angular2/core';

@Component({
    selector: '.cell',
    template: '<span class="marker">X</span>'
})
export class Cell {
}
```

#### row.component.ts

```
import {Component} from 'angular2/core';
import { Cell } from './cell.component';

@Component({
    selector: '.row',
    template: '<div class="cell" *ngFor="#value of values"></div>',
    directives: [ Cell ]
})
export class Row {
    values: number[] = [1, 2, 3];
}
```

#### game.ts

```
let DIMENSION = 3;

function boardLoop(board, fn) {
    for (let row = 0; row < DIMENSION; row++) {
        for (let col = 0; col < DIMENSION; col++) {
            fn(board[row][col], { row, col });
        }
    }
}
```

```
let game = {

  createBoard() {
    let board = [];
    for (let row = 0; row < DIMENSION; row++) {
      board[row] = [];
      for (let col = 0; col < DIMENSION; col++) {
        board[row][col] = null;
      }
    }

    return board;
  },

  set(board, val, row, col) {
    if (board[row][col] != null) {
      console.warn(`Attempted to set on cell that has a value: row: ${row} col:
${col} value: ${val}`);
      return board;
    }

    return [
      ...board.slice(0, row),
      [
        ...board[row].slice(0, col),
        val,
        ...board[row].slice(col+1)
      ],
      ...board.slice(row+1)
    ];
  },

  check(arr) {
    let clone = arr.slice(0);
    let sum = 0;
    while(clone.length) {
      let val = clone.pop();
      if (val == null) {
        return;
      }
      sum += val;
    }
    if (sum === 0 || sum === DIMENSION) {
      return {
        winner: sum / DIMENSION || 0
      };
    }
    return;
  },

  checkBoard(board) {
    let winner;

    // Check rows
    winner = board.reduce((hasWon, row) => hasWon || game.check(row), false);

    // Check cols
    let cols = [];
    for (let i = 0; i < DIMENSION; i++) {
      cols.push(board.map(row => row[i]));
    }
    winner = winner || cols.reduce((hasWon, col) => hasWon || game.check(col),
false);
  }
}
```

```
let diagonals = [
  board.map((row, i) => row[i]),
  board.map((row, i) => row[DIMENSION-1-i])
];
winner = winner || diagonals.reduce((hasWon, diagonal) => hasWon ||
game.check(diagonal), false);

return winner;
},

display(board) {
  let display = '';
  let prevRow;
  boardLoop(board, (val, coord) => {
    if (coord.row !== prevRow) {
      display += '\n';
      prevRow = coord.row;
    }
    display += `${val == null ? '- ' : val} `;
  });
  display += '\n';
  console.log(display);
}
};

export default game;
```

Screenshots:

