Challenge The Dice Challenge

Code:

Index.html:

```html
<!DOCTYPE html>

<html lang="en" dir="ltr">

  <head>

    <meta charset="utf-8">


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


    <!-- Stylesheet -->

  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAi
S6JXm" crossorigin="anonymous">

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


  <!-- Link JavaScript of Bootstrap -->

  <!-- Bootstrap Scripts -->

  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hX
pG5KkN" crossorigin="anonymous"></script>

  <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b
4Q" crossorigin="anonymous"></script>
```

```html
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVC mYl" crossorigin="anonymous"></script>


  <!-- Font Awesome -->
  <script defer src="http://use.fontawesome.com/releases/v5.0.7/js/all.js"></script>


    <title>Dice</title>
  </head>
  <body>
    <div class="container">
      <h1>Refresh Me</h1>


      <div class="row">
        <div class="col-lg-3">


        </div>
        <div class="dice col-lg-3">
          <h2 class="player1">Player 1</h2>
          <img class="image1" src="images\dice6.png" >
        </div>
        <div class="dice col-lg-3">
          <h2 class="player2">Player 2</h2>
          <img class="image2" src="images\dice6.png" >
        </div>
```

```html
        <div class="col-lg-3">


        </div>
      </div>
      <p>@www.</i>Web-Development.com</p>
    </div>


    <script src="index.js" charset="utf-8" > </script>
  </body>
</html>
```

Styles.css:

```css
body{
  background-color: #696f69;
  color: #7FFFD4;
  font-family:"Mv-Boli", cursive;
}
h1{
  padding: 5% 4% 5% 0;
  text-align: center;
  font-size: 5rem;
}
p{
  text-align: center;
  padding-top: 5%;
```

```css
  color: #fff;
}
.image1{
  background-color: red;
  width: 70%;
  border-radius: 13%;
  transform: rotate(90deg);
  margin-left: 5%;
}
.image2{
  background-color: red;
  width: 70%;
  border-radius: 13%;
  transform: rotate(90deg);
  margin-right: 5%;
}
.player1{
  /* margin: 5% 3% 2% 5%; */
  padding: 6% 3% 2% 10%;
  margin-left: 5%;
}
.player2{
  /* margin: 5% 3% 2% 5%; */
  padding: 5% 3% 2% 10%;
}
```

Index.js:

```javascript
//Let's do for player 2
//Create random number of range 1-6
var randomNumber1 = Math.floor(Math.random() * 6) + 1;


var randomDiceImage = "dice" + randomNumber1 + ".png";  //dice1.png -
dice6.png


//Let's add concatenation to change image1
var randomImageSource = "images/" + randomDiceImage; //images/dice1.png -
images/dice6.png
//Change attributes of image elements
var image1 = document.querySelectorAll ("img")[0];  //querySelectorAll because
we have two images with index 1
image1.setAttribute("src", randomImageSource);


//Let's do for player 2
//Create random number of range 1-6
var randomNumber2 = Math.floor(Math.random() * 6) + 1;
var randomImageSource2 = "images/dice" + randomNumber2 + ".png";
document.querySelectorAll("img")[1].setAttribute("src", randomImageSource2);
//Set index 2 an image


if(randomNumber1>randomNumber2){  //If player 1 wins

  document.querySelector("h1").innerHTML = "▶ Player 1 wins!";
```

```javascript
        }
      else if(randomNumber1<randomNumber2){   //If player 2 wins
          document.querySelector("h1").innerHTML = "Player 2 wins!▶";
        }
      else{    //If player 1 and player 2 has same score on dice rolling
          document.querySelector("h1").innerHTML = "Draw!";
        }
```

```javascript
//For Player 1
var randomNumber1 = Math.floor(Math.random()*6)+1; // random number 1-6
var randomImage1 = "dice"+randomNumber1+".png";   //random image 1-6
var randomImageSource1 = "images/"+randomImage1;   //image source
var image1 = document.querySelectorAll("img")[0];  //change source attribute of image element index 0
element means 1st element

//change attribute names
image1.setAttribute("src",randomImageSource1); //setAttributes 1: attribute name you want to change, 2:
change by which attribute

//For Player 2
var randomNumber2 = Math.floor(Math.random()*6)+1; // random number 1-6
var randomImage2 = "dice"+randomNumber2+".png";   //random image 1-6
var randomImageSource2 = "images/"+randomImage2;   //image source
var image2 = document.querySelectorAll("img")[1];  //change source attribute of image element index 1
element means 2nd element

//change attribute names
image2.setAttribute("src",randomImageSource2); //setAttributes 1: attribute name you want to change, 2:
change by which attribute

//if-else Statement
if(randomNumber1>randomNumber2){
  document.querySelector("h1").innerHTML = " Player 1 wins!";
}
else if(randomNumber2>randomNumber1){
  document.querySelector("h1").innerHTML = " Player 2 wins!";
}
else{
  document.querySelector("h1").innerHTML = "Draw";
}
```