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| **Ex. No: 17.0** | **Dice Game Challenge** | **Date : 27/09/2023** |

**Aim:**

To Create a Dice Game using Document Object Model (DOM) in Javascript.

**Images:**

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| **dice1.jpg** | **A red square with a white circle in the middle  Description automatically generated** |
| **dice2.jpg** | **A red and white dice  Description automatically generated** |
| **dice3.jpg** | **A red dice with white dots  Description automatically generated** |
| **dice4.jpg** | **A red dice with white dots  Description automatically generated** |
| **dice5.jpg** | **A red and white dice with white dots  Description automatically generated** |
| **dice6.jpg** | **A red dice with white dots  Description automatically generated** |

**index.html:**

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| <!DOCTYPE *html*>  <html *lang*="en" *dir*="ltr">    <head>      <meta *charset*="utf-8">      <title>Dicee</title>      <link *rel*="stylesheet" *href*="styles.css">      <link *href*="https://fonts.googleapis.com/css?family=Indie+Flower|Lobster" *rel*="stylesheet">    </head>    <body>      <div *class*="container">        <h1>Refresh Me</h1>        <div *class*="dice">          <p>Player 1</p>          <img *class*="img1" *src*="./images/dice6.png">        </div>        <div *class*="dice">          <p>Player 2</p>          <img *class*="img2" *src*="./images/dice6.png">        </div>      </div>        <script *src*="./index.js" *charset*="utf-8"></script>    </body>    <footer>      www 🎲 Dice Game 🎲 com    </footer>  </html> |

**style.css:**

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| .container {    width: 70%;    margin: auto;    text-align: center;  }  .dice {    text-align: center;    display: inline-block;  }  body {    background-color: #393E46;  }  h1 {    margin: 30px;    font-family: 'Lobster', cursive;    text-shadow: 5px 0 #232931;    font-size: 8rem;    color: #4ECCA3;  }  p {    font-size: 2rem;    color: #4ECCA3;    font-family: 'Indie Flower', cursive;  }  img {    width: 80%;  }  footer {    margin-top: 5%;    color: #EEEEEE;    text-align: center;    font-family: 'Indie Flower', cursive;  } |

**index.js:**

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| function randomNumber(){      var numberRand = Math.random();      numberRand = Math.floor(numberRand\*6)+1;      return numberRand;  }  var randomNumber1 = randomNumber();  var randomNumber2 = randomNumber();  var img1 =document.querySelector(".img1").setAttribute("src", "./images/dice"+randomNumber1+".png");  var img2 = document.querySelector(".img2").setAttribute("src", "./images/dice"+randomNumber2+".png");  if (randomNumber1 > randomNumber2){      document.querySelector("h1").innerHTML = "Player1 Wins..!";  }  else if (randomNumber1 < randomNumber2){      document.querySelector("h1").innerHTML = "Player2 Wins..!";  }  else{      document.querySelector("h1").innerHTML = "Draw";  } |

**Result:**

Thus the Output of the code is as follow.

A screenshot of a computer

Description automatically generated A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated