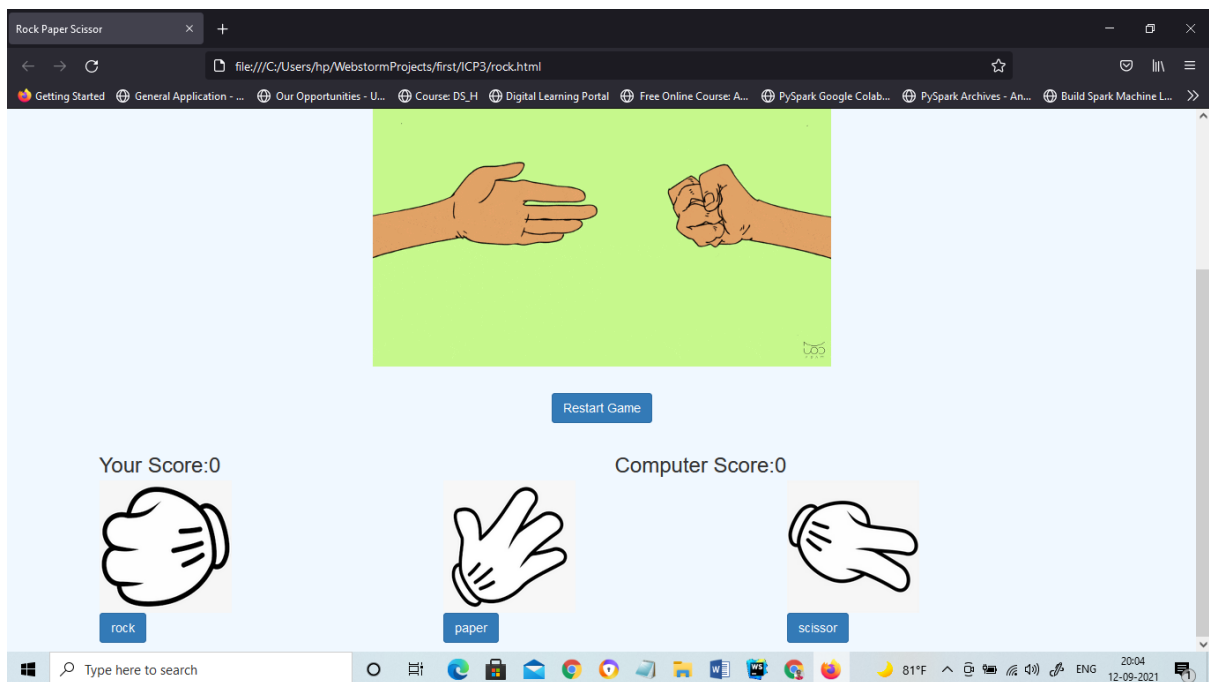
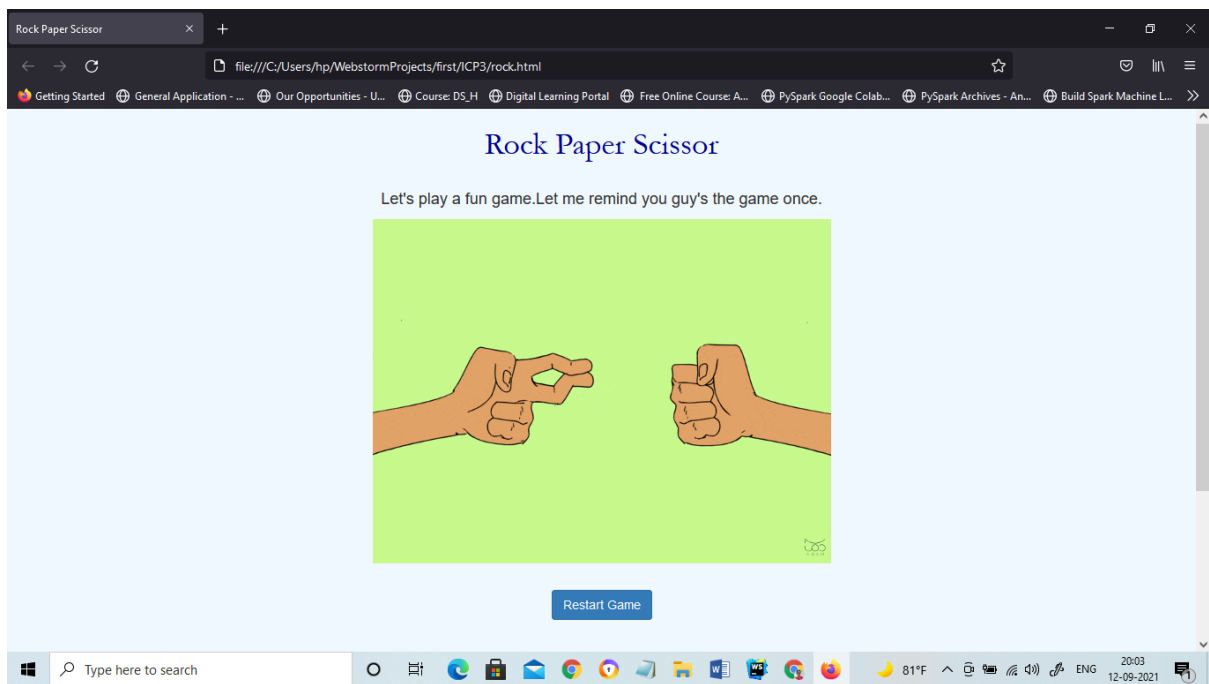


ICP -3

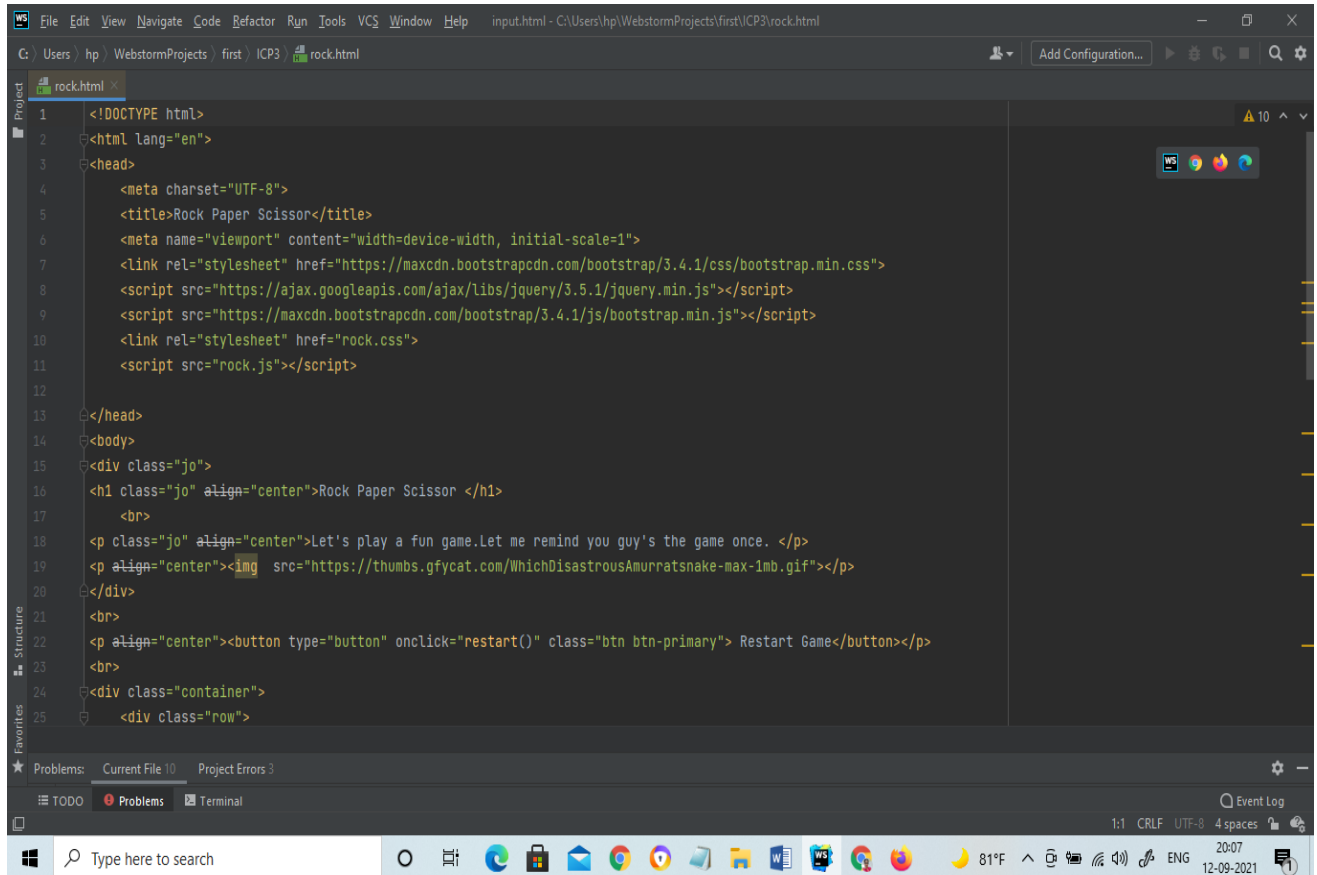
Task 1:

Building a Rock Paper Scissors game using the JavaScript. In this game you would choose one option and computer would choose option randomly and score is updated whoever wins and we have a restart button.it would restart the game and both the players and the computer score will come to 0 When pressed and we can text displaying who wins every time.

The page is displayed as below.

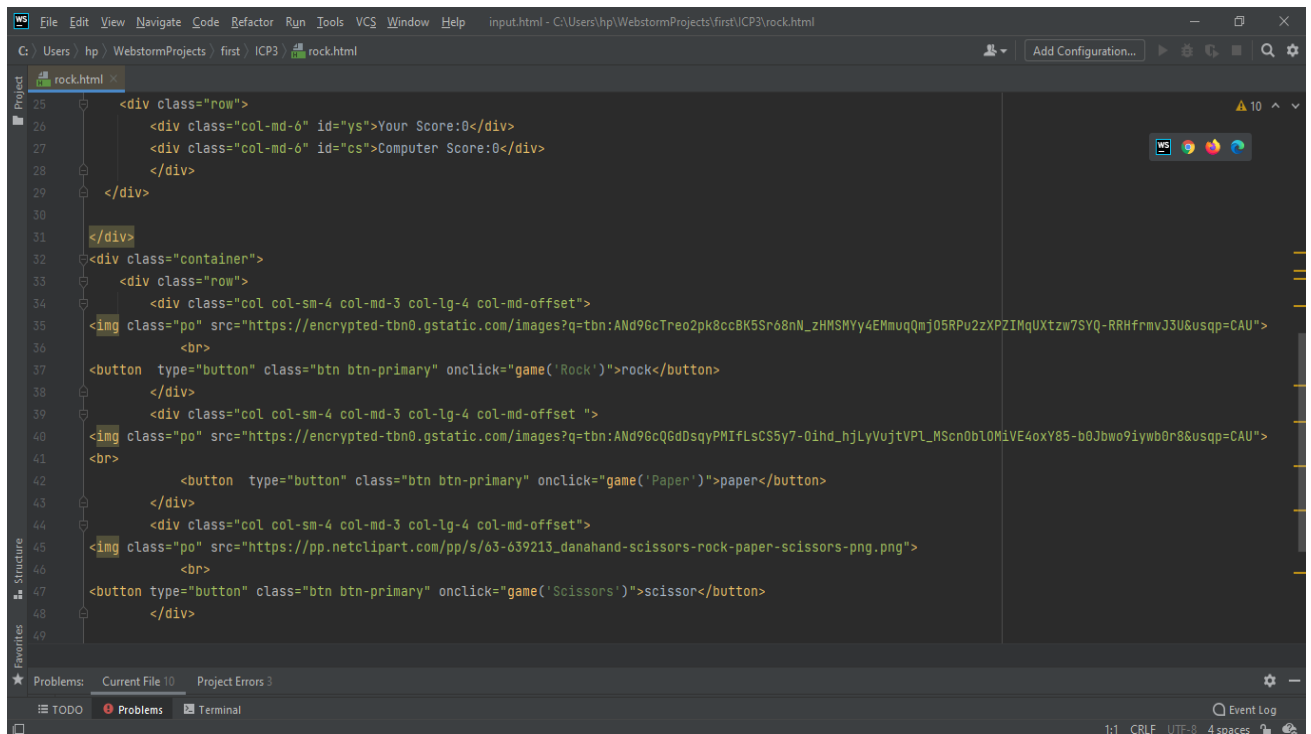


We can see the player can choose his option by pressing on button of his choice



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Rock Paper Scissor</title>
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
8   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
9   <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
10  <link rel="stylesheet" href="rock.css">
11  <script src="rock.js"></script>
12
13 </head>
14 <body>
15   <div class="jo">
16     <h1 class="jo" align="center">Rock Paper Scissor </h1>
17     <br>
18     <p class="jo" align="center">Let's play a fun game.Let me remind you guy's the game once. </p>
19     <p align="center"></p>
20   </div>
21   <br>
22   <p align="center"><button type="button" onclick="restart()" class="btn btn-primary"> Restant Game</button></p>
23   <br>
24   <div class="container">
25     <div class="row">
```

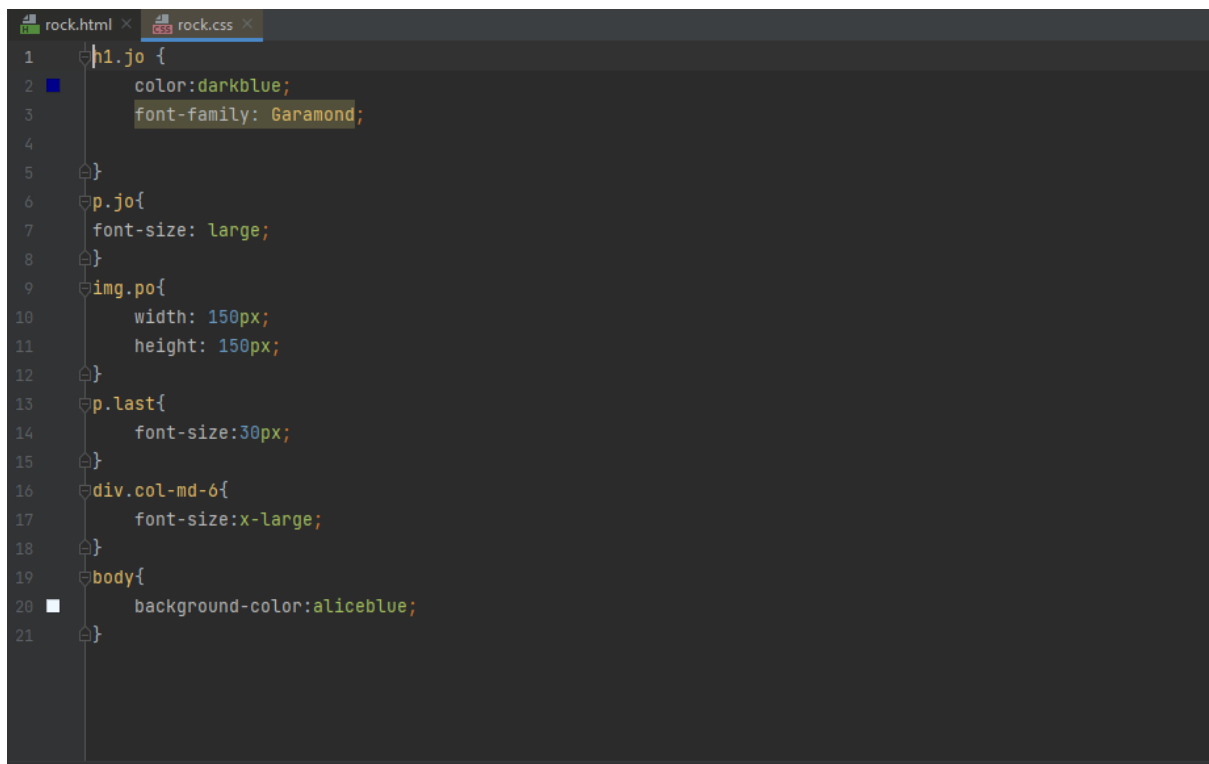
All the bootstrap CDN loaded and css files and the JavaScript files are attached and different tags like the header and paragraph are used to display the texts and all of them are placed in the division tag.



```
25 <div class="row">
26   <div class="col-md-6" id="ys">Your Score:0</div>
27   <div class="col-md-6" id="cs">Computer Score:0</div>
28 </div>
29
30
31 </div>
32 <div class="container">
33   <div class="row">
34     <div class="col col-sm-4 col-md-3 col-lg-4 col-md-offset">
35       
36       <br>
37       <button type="button" class="btn btn-primary" onclick="game('Rock')">rock</button>
38     </div>
39     <div class="col col-sm-4 col-md-3 col-lg-4 col-md-offset">
40       
41       <br>
42       <button type="button" class="btn btn-primary" onclick="game('Paper')">paper</button>
43     </div>
44     <div class="col col-sm-4 col-md-3 col-lg-4 col-md-offset">
45       
46       <br>
47       <button type="button" class="btn btn-primary" onclick="game('Scissors')">scissor</button>
48     </div>
49   </div>
```

Bootstrap grid for arranging of the images and button and each button has the functionality.

CSS file:



```
1 h1{
2   color:darkblue;
3   font-family: Garamond;
4 }
5
6 p{
7   font-size: large;
8 }
9
10 img{
11   width: 150px;
12   height: 150px;
13 }
14
15 p{
16   font-size:30px;
17 }
18
19 div.col-md-6{
20   font-size:x-large;
21 }
22
23 body{
24   background-color:aliceblue;
25 }
```

Styling of the different elements is done in the above format.

JavaScript File:

```

var player_score=0;
var computer_score=0;

function game(option) {
    let Computer = ["Rock", "Paper", "Scissors"][Math.floor(Math.random() * 3)];
    if (option == Computer) {
        document.getElementById("w").innerHTML = "Match is draw!";
    } else if (option == "Rock") {
        if (Computer == "Paper") {
            document.getElementById("w").innerHTML = "Computer Won!";
            computer_score++;
            document.getElementById("cs").innerHTML = "Computer Score:" + computer_score.toString();
        } else {
            document.getElementById("w").innerHTML = "Player Won!";
            player_score++;
            document.getElementById("ys").innerHTML = "Your Score:" + player_score.toString();
        }
    }

    } else if (option == "Paper") {
        if (Computer == "Scissors") {
            document.getElementById("w").innerHTML = "Computer Won!";
            computer_score++;
            document.getElementById("cs").innerHTML = "Computer Score:" + computer_score.toString();
        }
    }
}

```

Your choosed option is compared with the computers option and whoever is won the score is updated and the winner is displayed

```

    if (Computer == "Rock") {
        document.getElementById("w").innerHTML = "Computer Won!";
        computer_score++;
        document.getElementById("cs").innerHTML = "Computer Score:" + computer_score.toString();
    } else {
        document.getElementById("w").innerHTML = "Player Won!";
        player_score++;
        document.getElementById("ys").innerHTML = "Your Score:" + player_score.toString();
    }
}

function restart(){
    player_score =0;
    computer_score=0;
    document.getElementById("ys").innerHTML = "Your Score:" + player_score.toString();
    document.getElementById("cs").innerHTML = "Computer Score:" + computer_score.toString();
}

```

Restart function is used in an order to start the game from beginning and scores are cleared.

Task-2:

Building a Responsive web page

The responsive web page looks as below



Muni Kanaka Sri Shalini Chintam

Data Analyst



Featured Work



Featured Work



github
[Link to project](#)



tableau
[Link to project](#)



New York times article
counter
[Link to project](#)



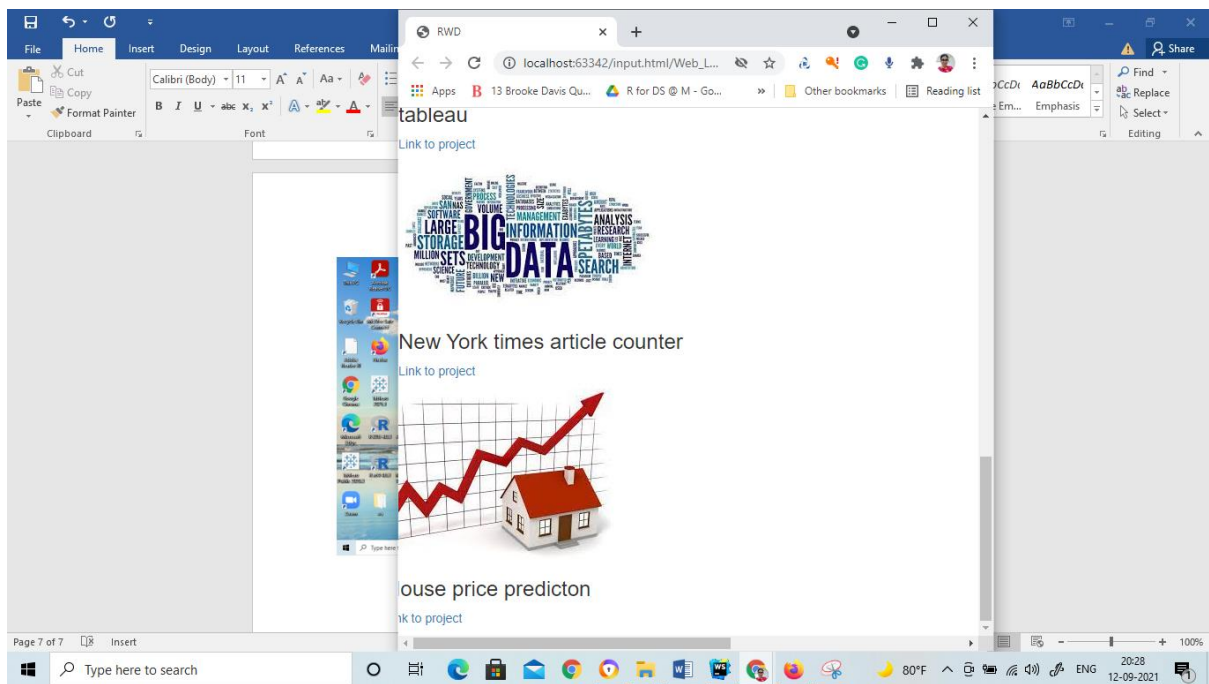
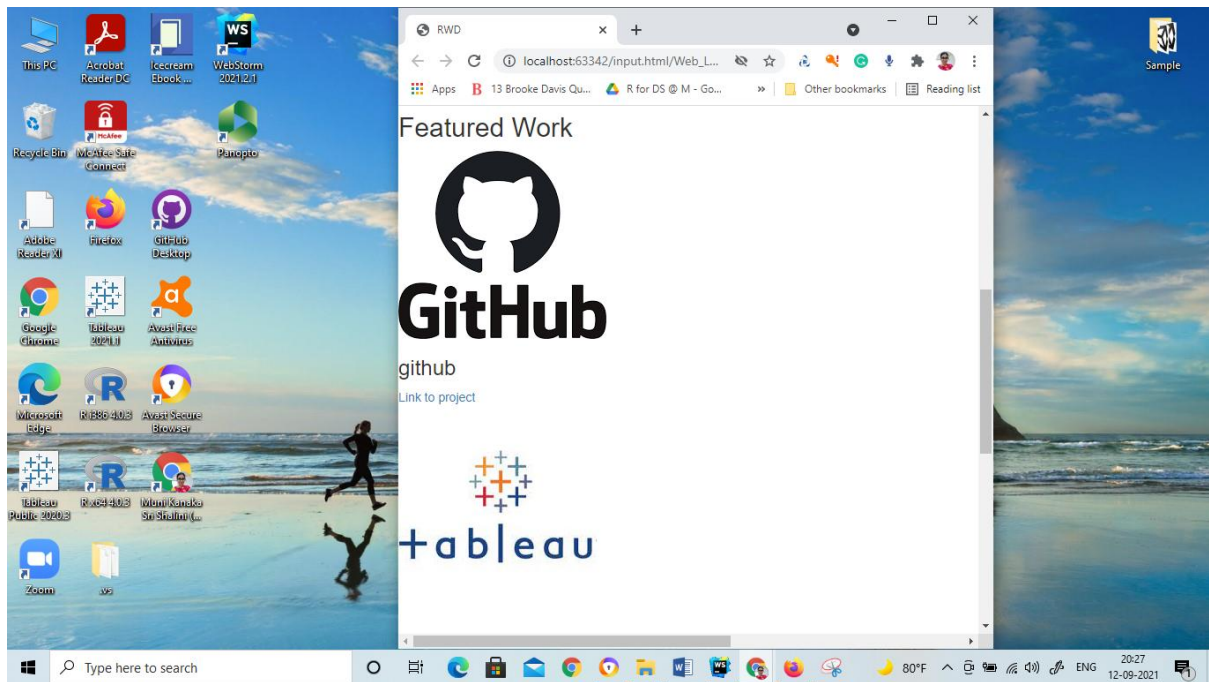
House price predicton
[Link to project](#)



Muni Kanaka Sri Shalini Chintam

Data Analyst





Now html file:

```

<body>
<div class="container">
  <div class="row">
    <div class="col-md-6"></div>
    <div>
      <h1>Muni Kanaka Sri Shalini Chintam</h1>
      <h3>Data Analyst</h3>
    </div>
  </div>
</div>
<hr>
<div class="row">
  <div class="col-md-12">
    <p class="na" align="center">
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    Link to project</a></p>
  </div>
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    
  </div>
</div>

```

```

</div>
</div>
<div class="row">
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    Link to project</a></p>
  </div>
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    
    <h3>tableau</h3>
    <p><a href="https://elearning.tableau.com/">Link to project</a></p>
  </div>
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    
    <h3>New York times article counter</h3>
    <p><a href="https://colab.research.google.com/drive/1UCeRNoCt5LYgKLMwvQaMeaj0JPl7ASX5">Link to project</a></p>
  </div>
  <div class="col-sm-3 col-md-3 col-lg-3 col-md-offset-3">
    
    <h3>House price prediction</h3>
    <p><a href="https://colab.research.google.com/drive/1_-9R0gMCC79n1GKot96P1MMJMt7rnpYK">Link to project</a></p>
  </div>
</div>

```

Bootstrap grids are used to make this responsive webpage where in the first row the img tag and the paragraph and heading tags and in total 3 rows are used and in these rows different columns are used to form the grids and they store different image tags and link tags and many more.