NAME	:	NITHISH G
REG NO	:	19BCS0012
COURSE	:	WEB-DEVELOPMENT
DATE	:	21/10/2021

WEB DEVELOPMENT LAB CAT

Question no : 1

Create a Javascript function that takes a string and returns the first character that repeats. If there is no repeat of a character, return "-1".

Source code:

```html
<!DOCTYPE HTML>
<html>
<head>
 <title>First character</title>
 <style type="text/css">
 body{
    display:flex;
  justify-content: center;
  align-items:center;
  min-height: 97vh;
  background-color:#9120B6;
  font-family: "Trebuchet MS", Helvetica, sans-serif;
 }
 .container{
    position: relative;
    height:405px;
    width: 800px;
    box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;
    border-radius: 10px;
 }
 .left{
    position: absolute;
    height: 363px;
    width: 358px;
    border: inherit;
    padding: 20px;
    background-color: white;
    border-radius: 10px;
 }

 .right{
    position: absolute;
    height: 100%;
    width: 400px;
```

```css
      right: 0;

    background : black;

    background-size: 100% 100%;

     display:flex;

    justify-content: center;

   align-items:center;

    color: #FFFFFF;

        border-radius: 10px;


  }
  .left input{

    width:300px;

    height: 30px;

    margin-top: 20px;

    border: none;

    border-bottom: 1px solid #525252;

    text-align: center;

    font-size: 24px;

    width: 100%;
  }
  .left input, p,a{

    margin-top:30px;

    }
  .login span{

     position: absolute;

     bottom: -5px;

     left: 0;

     height: 4px;

     width: 20px;

     background-color: #9120B6;

  }

 </style>
</head>


<body>
     <div class="container">
       <div class="left">
            <center>
               <span style="font-size: larger; font-weight: bold; ">
            <p>Name    : NITHISH G</p>
            <p>Reg no. : 19BCS0012</p> </center>    </span>
       <br>
```

```html
        <input id="ip" type="text" placeholder="Enter a string">    <br><br>
<center>
<button onclick="firstRepeatingCharacter();" style="background: black; color: white; border-radius: 5px;">
Submit</button>
</center>


        </div>


        <div class="right">

            <p id="output" style="font-size: 28px; text-align: center; "> Find the first character that repeats in given
string</p>
        </div>
      </div>



      <script>
  function firstRepeatingCharacter() {
    var name = document.getElementById('ip').value;


  for (let i = 0; i < str.length; i++)
  {
   if (name.indexOf(str.charAt(i)) !== name.lastIndexOf(name.charAt(i))) {

     var output = document.getElementById('output').innerHTML = "The first character that repeats in given string :
"+(name.charAt(i));

     return 0;

   }
  }
  var output = document.getElementById('output').innerHTML = "No character that repeats in given string : "+ -1;

  return -1;

}


  </script>
</body>
</html>
```
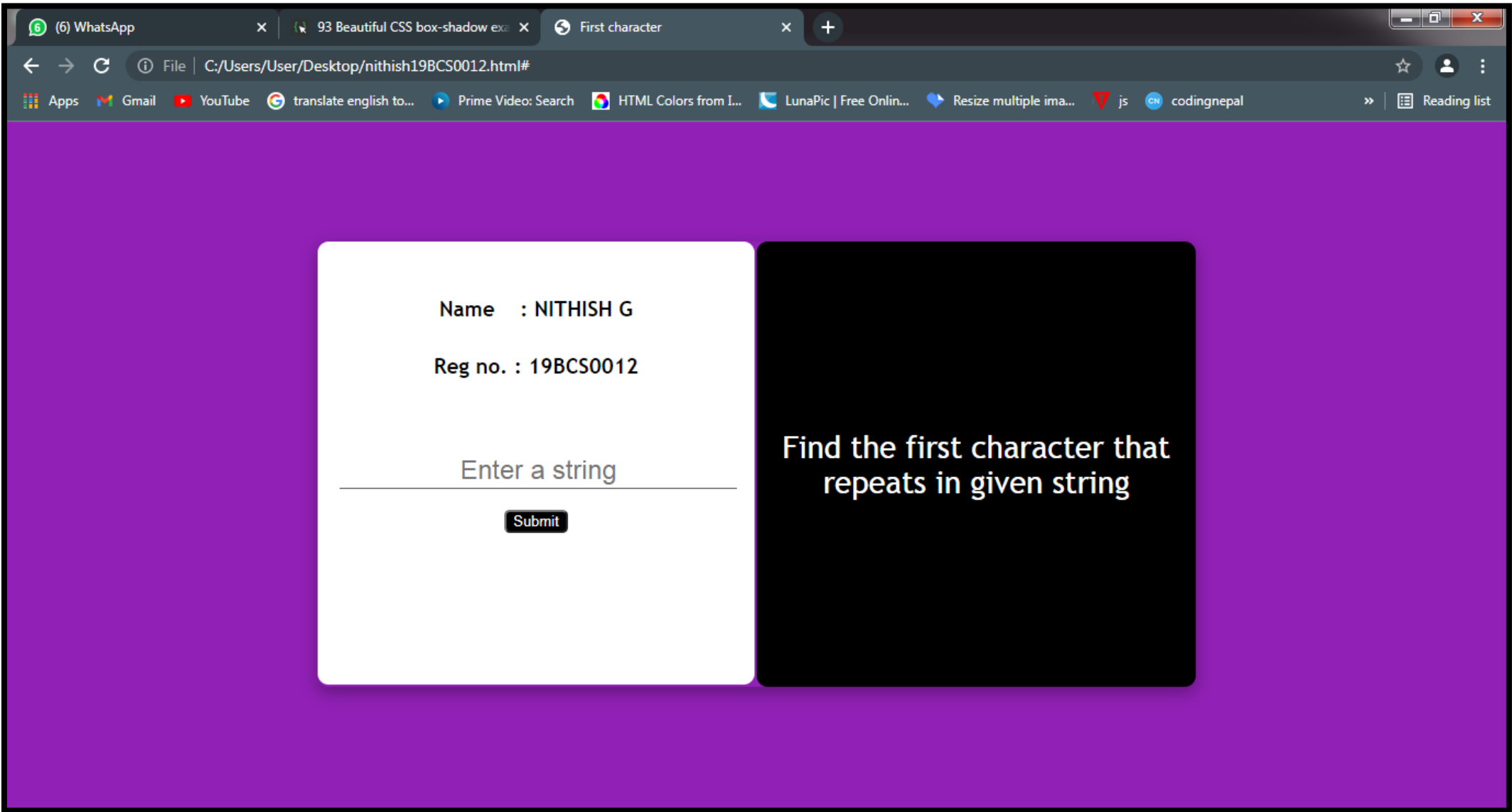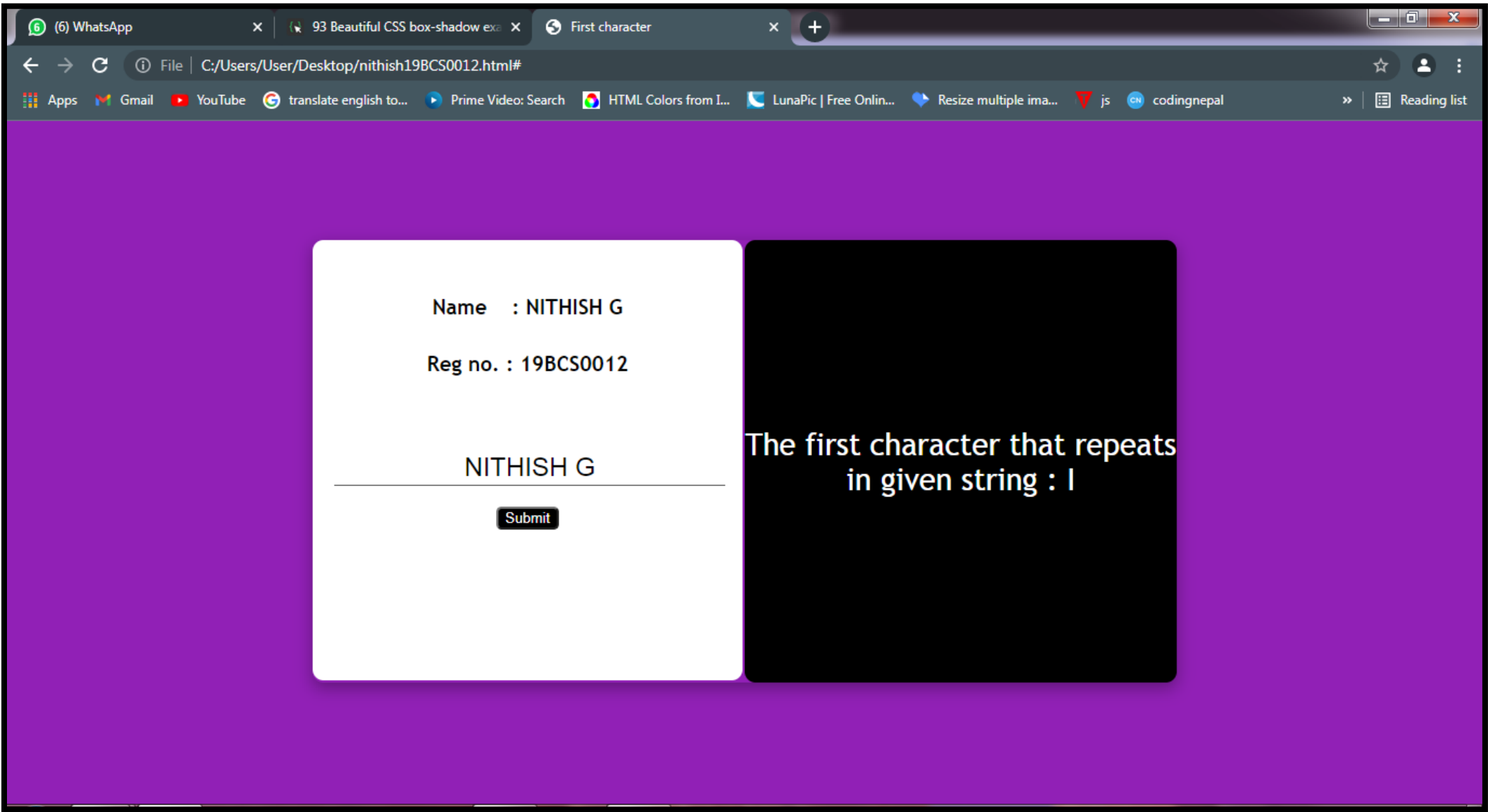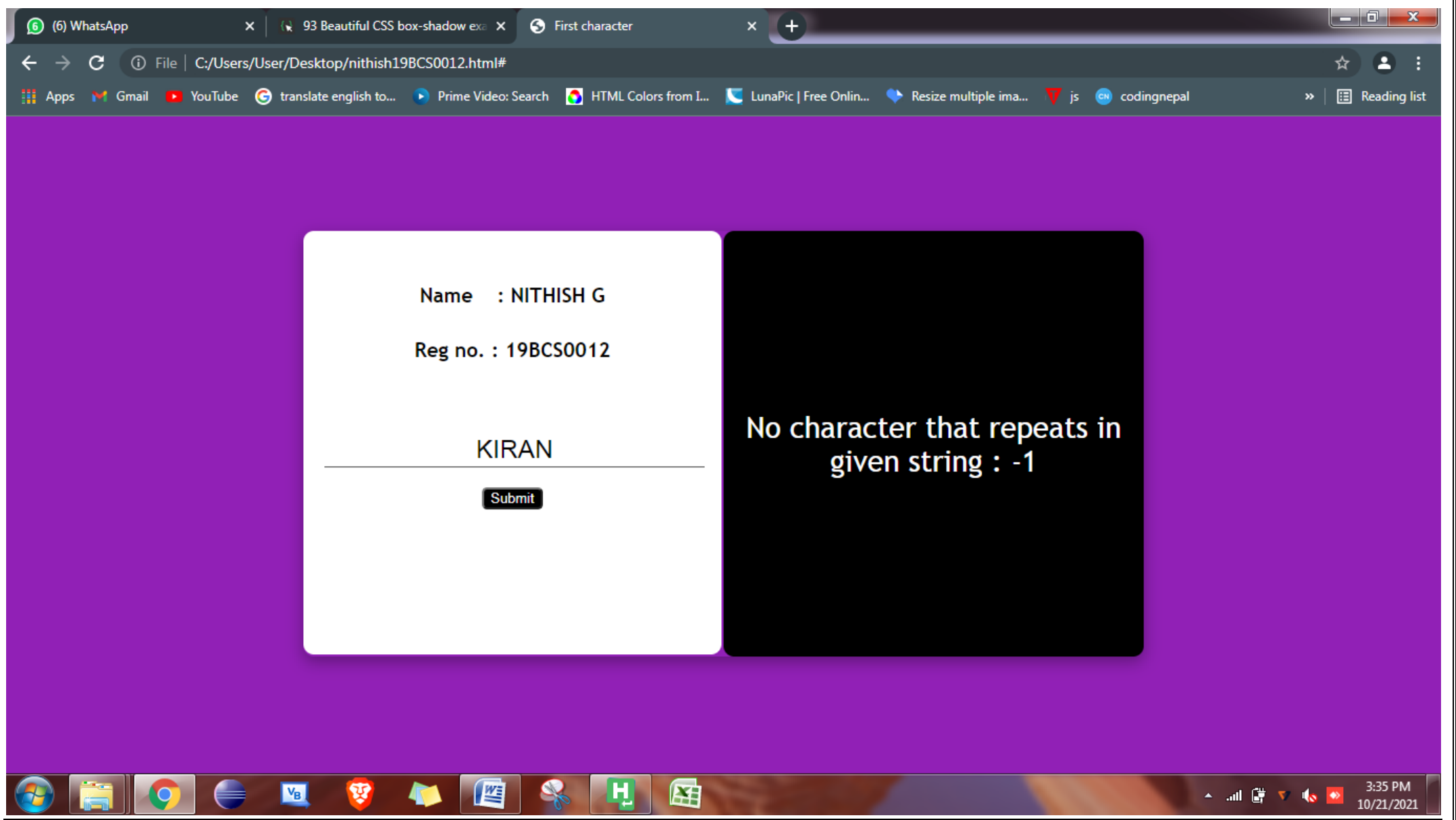
OUTPUT

RESULT

-1 OUTPUT BELOW

Name   : NITHISH G

Reg no. : 19BCS0012

KIRAN

Submit

No character that repeats in given string : -1

Thank You Mam!