Assignment- III

Title: Perform validations using Javascroppt / Javasy:

Problem Statement 1-

using Javasaript/Javasy on one of the application.

Objective :-

9) to understand depth worting of journsmorpt & Janerry.

11) To use gavasoript & Javery for providing vertibations, animation & effects to any we to application.

H/W & S/W : Eclipse JDE; 64 bit Fedora Os.

Theory :-

Javasonspt & It coas initially created to make webpages dive The progressing for this language are alled as scripts. They can be written right in the HTML of execute automotions as the pageloads.

Scripts are provided & executed as a plain text. They don't need special preparation or completion to sun. Javascript 95' very different from conther language Java

Por Instance. In browser Javasoript is able to

@ Add new titme to page dange the existing constent , modify styles.

10) Pead the user reaction, runon mouse click pointer moments, key processor

(P) Get & set cookies, ask auestions to the visitor, show messages (D) Remember data or client side

B sent orequest over the network to remote server, download of upload files. Janeary 1- getting sharted with Janeary on the early or challenging idepending on them esperience with panasonipt, think as a programming concepts in general one emportant thing to know is that Janeary is just a javasonipt Library how it works as follows.

Aldoctype Hitml>

</head>

< body>

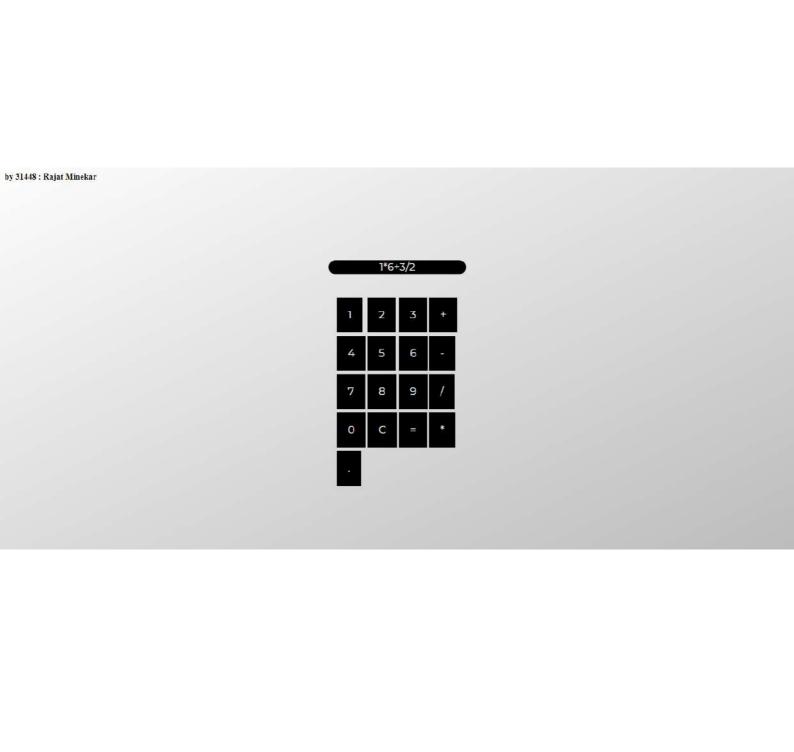
Ksorppt socz "Jaery is"> Klampt>

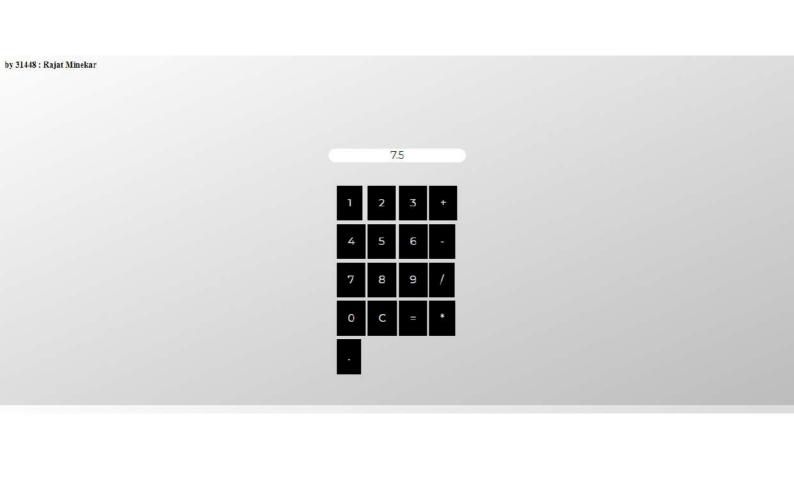
. 4 script > 11 yours code

Claudipt ?

c/html7

Callbacks & functions 1. many other programming larguage. Is enables your to freely pass function around to be executed at Callbacks without arguments A. get ("myshtmlpage. html" my caliback()); callback with arguments executing callback with arguments can be trecky This one wor't work. G. get (" my htmlpage . html", my callback (7009 pana); conclusion 3-We successfully design the calculator, eagin validation using Javascropt & Javany.





```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=</pre>
  , initial-scale=1.0">
  <title>Document</title>
  <style>
    @import url('https://fonts.googleapis.com/css?family=Montserrat&display=swap');
    body {
      background: rgb(114, 32, 255);
      background: linear-gradient(to right, rgba(114, 32, 255, 1) 0%, rgba(30, 79, 224, 0.6895133053221288) 100
%);
    input {
      border-radius: 20px;
      text-align: center;
      border: none;
      font-size: 20px;
      font-family: Montserrat, sans-serif;
    }
    button {
      margin-top: 5px;
      padding: 20px;
      font-size: 20px;
      font-family: Montserrat, sans-serif;
      border: 0.02px solid black;
    }
    .center {
      margin-top: 10%;
  </style>
</head>
<body>
  <center>
    <div class="center">
      <input id="calc" type="text" placeholder="Result appears here">
      <br/>br><br>>
```

```
<button>8</button>
      <br/>br><br><br>>br><br>>
  </div>
 </center>
 <script>
  var btns = document.getElementsByTagName("button");
  var calc = document.getElementById("calc");
  for (var thisBtn of btns) {
   thisBtn.addEventListener('click', function () {
    if (this.innerHTML == "=")
      calc.value = eval(calc.value);
    else if (this.innerHTML == "C")
      calc.value = "";
    else
      calc.value += this.innerHTML;
   })
 </script>
</body>
</html>
```