LAB EXPERIMENT 7

AIM :

To create an html page to explain the use of various predefined functions in a string in javascript.

THEORY :

The **String** object lets you work with a series of characters; it wraps Javascript's string primitive data type with a number of helper methods.

As JavaScript automatically converts between string primitives and String objects, you can call any of the helper methods of the String object on a string primitive.

Syntax

Use the following syntax to create a String object −

```
var val = new String(string);
```

The **String** parameter is a series of characters that has been properly encoded.

CODE:

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <link rel="stylesheet" href="./style.css">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css">
    <meta charset="utf-8">
    <title>JS</title>
  </head>
  <body>
    <div class="content">
      <div class="card mb-3">
        <div class="card-header text-center">
          <img class="card-img-top" src="https://www.pngkey.com/png/full/114-1149878_setting-user-
avatar-in-specific-size-without-breaking.png" alt="Card image cap">
        </div>
        <div class="card-body">
          <h5 class="card-title">Login</h5>
          <p class="card-text">
            <form>
              <div class="form-group">
                <label for="exampleInputEmail1">Email address</label>
```

```html
          <input type="email" class="form-control" id="exampleInputEmail1" aria-
describedby="emailHelp" placeholder="Enter email">
            <small id="emailHelp" class="form-text text-muted">We'll never share your email with
anyone else.</small>
          </div>
          <div class="form-group">
            <label for="exampleInputPassword1">Password</label>
            <input type="password" class="form-control" id="password" placeholder="Password">
          </div>
          <div class="form-check my-2">
            <input type="checkbox" class="form-check-input" id="toggle-password">
            <label class="form-check-label" for="exampleCheck1">Show Password</label>
          </div>
          <button type="submit" class="btn btn-primary">Submit</button>
        </form>
       </p>
     <p class="card-text"><small class="text-muted">Last Updated 5mins agos</small></p>
    </div>
  </div>
 </div>

 <script>
    const password = document.getElementById("password");
    const togglePassword = document.getElementById("toggle-password");

    togglePassword.addEventListener("click", toggleClicked);

    function toggleClicked() {
     if (this.checked) {
      password.type = "text";
     } else {
      password.type = "password";
     }
    }

    password.classList.toggle('visible');
  </script>
 </body>
</html>
```

OUTPUT:

Login

Email address

Enter email

We'll never share your email with anyone else.

Password

•••••

☐ Show Password

Submit

Last Updated 5mins agos

Login

Email address

Enter email

We'll never share your email with anyone else.

Password

hello

☑ Show Password

Submit

Last Updated 5mins agos