

```
File Edit Selection View Go Run Terminal Help < > Untitled (Workspace)
JobSimulationTask1.html x sample.html JS sample.js # task1.css JS Task1.js x
JobSimulation > JobSimulationTask1.html > html > body > div.formContainer > form > div > label
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Job Simulation Task1 Form Data</title>
7 <link rel="stylesheet" href="task1.css">
8 </head>
9 <body>
10 <h1> Student Information Form</h1>
11 <div class="formContainer">
12 <form name="StudentInformation" method="post">
13 <div>
14 <label for="fullName">Enter Your Fullname:</label>
15 <input type="text" id="fullName" name="FullName" placeholder="Ent
16 </div>
17 <div class="gender">
18 <label>Gender</label>
19 <div>
20 <input type="radio" value="male" name="Gender" id="male">
21 <label for="male">Male</label>
22 </div>
23 <div>
24 <input type="radio" value="female" name="Gender" id="female">
25 <label for="female">Female</label>
26 </div>
27 </div>
28 <div>
29 <label for="rollnum">RollNumber</label>
30 <input type="number" id="rollnum" name="RollNum" placeholder="Ent
31 </div>
32 <div class="department">
33 <label>Department</label>
34 <div>
35 <input type="radio" value="computer" name="Department" id=
36 <label for="cs">Computer</label>
37 </div>
38 <div>
39 <input type="radio" value="Bcom" name="Department" id="bc
40 <label for="Bcom">Bcom</label>
41 </div>
42 </div>
43 </form>
44 </div>
45 </body>
46 </html>

JobSimulation > JS Task1.js > ...
1 let form=document.querySelector('form');
2 let obj=[],NumArr=[]
3 let val=localStorage.getItem("Studentdata");
4 val=JSON.parse(val);
5 if(localStorage.getItem("Studentdata")){
6 val.forEach(element => {
7 obj.push(element)
8 });
9 }
10
11
12 form.addEventListener('submit',(event)=>{
13 event.preventDefault();
14 let StudentDetails= document.forms.StudentInformation;
15 let RollNum=StudentDetails.RollNum.value;
16 let Email=StudentDetails.Email.value;
17 if(localStorage.getItem("Studentdata")){
18 val.forEach(element=>{
19 NumArr.push(element['RollNum']);
20 });
21 }
22 if(NumArr.includes(RollNum)){
23 alert('RollNumber is Already Registered');
24 }
25 else if(!Email.includes('@gmail.com')){
26 alert("ERROR IN EMAIL ADDRESS");
27 }
28 else{
29 let StudentDetails= document.forms.StudentInformation;
30 let Email=StudentDetails.Email.value;
31 let RollNum=StudentDetails.RollNum.value;
32 let FullName=StudentDetails.FullName.value;
33 let Gender=StudentDetails.Gender.value;
34 let Department=StudentDetails.Department.value;
35 let City=StudentDetails.City.value;
36 let value={FullName,Gender,RollNum,Department,Email,City}
37 obj.push(value);
38 let finalval=JSON.stringify(obj);
39 localStorage.setItem("Studentdata",finalval);
40 location.href="http://127.0.0.1:5500/job-simulation-task1.html";
41 }
```

```
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JobSimulation > JobSimulationTask1.html > html > body > div.formContainer > form > div > label
2 <html lang="en">
9 <body>
11 <div class="formContainer">
12 <form name="StudentInformation" method="post">
32 <div class="department">
37 </div>
38 <div>
39 <input type="radio" value="Bcom" name="Department" id="bc
40 <label for="bcom">BCom</label>
41 </div>
42 <div>
43 <input type="radio" value="Maths" name="Department" id="m
44 <label for="maths">Maths</label>
45 </div>
46 <div>
47 <input type="radio" value="forensic" name="Department" id
48 <label for="forensic">Forensic</label>
49 </div>
50 </div>
51 <div>
52 <label for="email">Enter Your Email ID:</label>
53 <input type="text" id="email" name="Email" placeholder="abc@gmail
54 </div>
55 <div>
56 <label for="city">City</label>
57 <input type="text" name="city" id="city" placeholder="Enter Your
58 </div>
59 <button>SUBMIT</button>
60 </form>
61 </div>
62 <div id="res">
63 <h1>STUDENT DATA</h1>
64 <div id="dataEntries">
65 </div>
66 </div>
67 <script src="Task1.js"></script>
68 </body>
69 </html>
8 </>;
9 }
10
11
12 form.addEventListener('submit',(event)=>{
13 event.preventDefault();
14 let StudentDetails= document.forms.StudentInformation;
15 let RollNum=StudentDetails.RollNum.value;
16 let Email=StudentDetails.Email.value;
17 if(localStorage.getItem("Studentdata")){
18 val.forEach(element=>{
19 NumArr.push(element['RollNum']);
20 });
21 }
22 if(NumArr.includes(RollNum)){
23 alert('RollNumber is Already Registered');
24 }
25 else if(!Email.includes('@gmail.com')){
26 alert("ERROR IN EMAIL ADDRESS");
27 }
28 else{
29 let StudentDetails= document.forms.StudentInformation;
30 let Email=StudentDetails.Email.value;
31 let RollNum=StudentDetails.RollNum.value;
32 let FullName=StudentDetails.FullName.value;
33 let Gender=StudentDetails.Gender.value;
34 let Department=StudentDetails.Department.value;
35 let City=StudentDetails.city.value;
36 let value={FullName,Gender,RollNum,Department,Email,City}
37 obj.push(value);
38 let finalval=JSON.stringify(obj);
39 localStorage.setItem("Studentdata",finalval);
40 location.href="http://127.0.0.1:5500/JobSimulation/sample.html";
41 }
42 });
```

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JobSimulationTask1.htmlsample.html ×

JobSimulation > sample.html > html

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>display</title>
7   <link rel="stylesheet" href="task1.css">
8 </head>
9 <body>
10  <h1>STUDENT DATA</h1>
11  <div id="dataEntries">
12  </div>
13  <script src="sample.js"></script>
14 </body>
15 </html>
```

# task1.cssJS Task1.jsJS sample.js ×

JobSimulation > JS sample.js > ...

```
1 let number=1;
2 let storedData=localStorage.getItem("Studentdata");
3 data=JSON.parse(storedData);
4 data.forEach(element => {
5   console.log(element)
6   document.getElementById('dataEntries').innerHTML+=`<h1>STUDENT ${number}<
7   for(i=0;i<6;i++){
8     document.getElementById('dataEntries').innerHTML+=`<h2>${Object.keys(
9   }
10  document.getElementById('dataEntries').innerHTML+=`<br><br>`
11  number++;
12 });
13
```

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} JavaScript Port: 5500

```
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JobSimulation > sample.html > html
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2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>display</title>
7   <link rel="stylesheet" href="task1.css">
8 </head>
9 <body>
10   <h1>STUDENT DATA</h1>
11   <div id="dataEntries">
12   </div>
13   <script src="sample.js"></script>
14 </body>
15 </html>

# task1.css x JS Task1.js JS sample.js
JobSimulation > # task1.css > body
1 body{
2   margin: 0;
3   background-color: #F8F2DC;
4 }
5
6 .formContainer{
7   background-color: white;
8   margin: 5% auto;
9   width: 40%;
10  height: max-content;
11  /* border-radius: 50px; */
12  font-size: 15px;
13  font-style: italic;
14  color: #5C5D8D;
15  border: 2px solid black;
16 }
17 form{
18   margin: 5% auto;
19   font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-s
20 }
21 h1{
22   margin: 0;
23   text-align: center;
24   background-color: #5C5D8D;
25   padding: 25px;
26   color: white;
27   font-size: 20px;
28   font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-s
29 }
30 #res{
31   margin: 5% auto;
32   flex-direction: column;
33   display: none;
34 }
35 #dataEntries{
36   width: 50%;
37   background-color: white;
38   border-radius: 20px;
39   padding: 10px;
40 }
```

```
File Edit Selection View Go Run Terminal Help
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JobSimulation > sample.html > html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>display</title>
7   <link rel="stylesheet" href="task1.css">
8 </head>
9 <body>
10  <h1>STUDENT DATA</h1>
11  <div id="dataEntries">
12  </div>
13  <script src="sample.js"></script>
14 </body>
15 </html>

# task1.css x JS Task1.js JS sample.js
JobSimulation > # task1.css > body
29 }
30 #res{
31   margin: 5% auto;
32   flex-direction: column;
33   display: none;
34 }
35 #dataEntries{
36   width: 50%;
37   background-color: #white;
38   border-radius: 20px;
39   padding: 10px;
40   font-size: 15px;
41   border: 2px solid #black;
42   color: #black;
43   height: max-content;
44   margin: 5% auto;
45 }
46 form :placeholder-shown{
47   font-size: 10px;
48   font-style: italic;
49 }
50 form div{
51   display: flex;
52   margin: 5%;
53 }
54 form input{
55   caret-color: #5C5D8D;
56   display: flex;
57   margin-top: 3%;
58   width: 40%;
59   padding: 12px;
60   border-radius: 10px;
61   font-weight: bolder;
62   font-size: 12px;
63 }
64 form label{
65   width: 40%;
66   margin-top: 3%;
67 }
```



The screenshot shows a web development IDE with three files open: `sample.html`, `task1.css`, and `sample.js`.

**sample.html:**

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>display</title>
7   <link rel="stylesheet" href="task1.css">
8 </head>
9 <body>
10  <h1>STUDENT DATA</h1>
11  <div id="dataEntries">
12  </div>
13  <script src="sample.js"></script>
14 </body>
15 </html>

```

**task1.css:**

```

54 form input{
55   font-size: 12px;
56 }
57 form label{
58   width: 40%;
59   margin-top: 3%;
60 }
61 .gender, .department{
62   display: flex;
63   flex-direction: column;
64   margin: 3% auto;
65   width: 35%;
66   border: 1px solid black;
67   align-items: center;
68   border-radius: 20px;
69 }
70 .gender div, .department div{
71   margin: 2%;
72 }
73 .gender input, .gender label, .department input, .department label{
74   cursor: pointer;
75 }
76 form button{
77   margin-left: 40%;
78   padding: 13px;
79   border: 5px solid;
80   border-radius: 10px;
81   background-color: #5C5D8D;
82   color: white;
83   font-size: 15px;
84   font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
85   font-weight: bold;
86   cursor: pointer;
87 }

```

**sample.js:**

```

1 // Student Data
2 // Department Data
3 // Gender Data
4 // Student Data
5 // Department Data
6 // Gender Data
7 // Student Data
8 // Department Data
9 // Gender Data
10 // Student Data
11 // Department Data
12 // Gender Data
13 // Student Data
14 // Department Data
15 // Gender Data
16 // Student Data
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99 // Gender Data
100 // Student Data

```