

Practical 8:a. Browser interaction: Add Image slider plugins of jQuery to add 3 images with scrolling effect.

b. Client-side form validation of Registration Page in Online Laptop Shopping Web Application.

a.Image Slider:

Code:

```
<!doctype html>
<html>

<head>
    <meta charset="utf-8">
    <title>Basic jQuery Slider Plugin Demos</title>
    <link href="http://www.jqueryscript.net/css/jquerysctipttop.css" rel="stylesheet" type="text/css">
    <link rel="stylesheet" href="bjqs.css">
    <link href='http://fonts.googleapis.com/css?family=Source+Code+Pro|Open+Sans:300'
    rel='stylesheet' type='text/css'>
    <link rel="stylesheet" href="demo.css">
    <script src="http://code.jquery.com/jquery-1.10.1.min.js"></script>
    <script src="js/bjqs-1.3.min.js"></script>
</head>

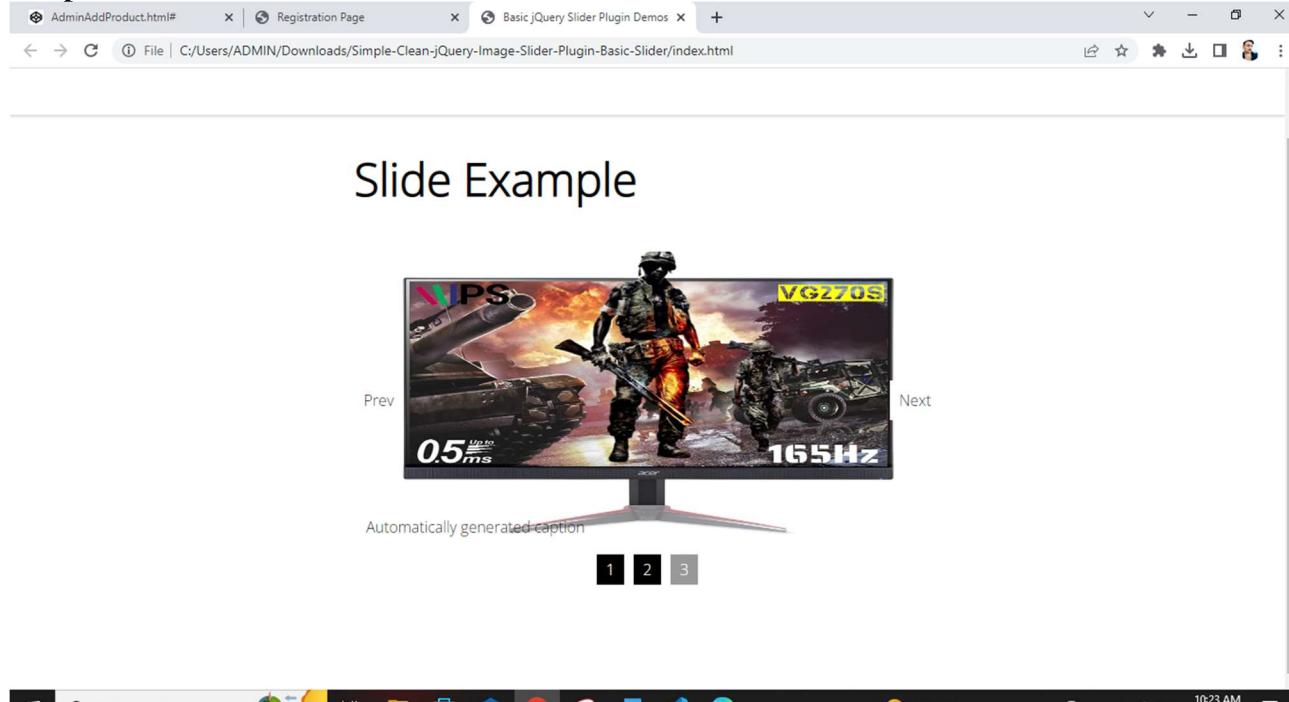
<body>
    <div id="jquery-script-menu">
        <div class="jquery-script-center">
            <div class="jquery-script-ads">
                <script type="text/javascript"
                    src="http://pagead2.googlesyndication.com/pagead/show_ads.js">
                </script>
            </div>
            <div class="jquery-script-clear"></div>
        </div>
    </div>
    <div id="container" style="margin-top:150px;">
        <h2>Slide Example</h2>
        <div id="banner-slide">
            <ul class="bjqs">
                <li><a href=""></a></li>
                <li>
                </li>
                <li>
        </div>
    </div>
</body>
```

```
</li>
</ul>
</div>

<script class="secret-source">
jQuery(document).ready(function ($) {
    $('#banner-slide').bjqs({
        animtype: 'slide',
        height: 320,
        width: 620,
        responsive: true,
        randomstart: true
    });
});
</script>
</div>
</body>

</html>
```

Output:



b. Registration Page Validation

Code:

```
<!DOCTYPE html>
```

```

<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-COMPATIBLE" content="IE-edge">
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Registration Page</title>
  <link rel="stylesheet" href="Regi.css">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css"
    rel="stylesheet" integrity="sha384-GLhlTQ8iRABdZL16O3oVMWSktQOp6b7In1ZI3/Jr59b6EGGoI1aFkw7cmDA6j6gD"
    crossorigin="anonymous">

  <style>
    #usr,
    #eml,
    #pas,
    #cpas,
    #nm {
      color: red;
      font-weight: bold;
    }
  </style>
</head>

<body>
  <form id="myform" method="POST" action="#" onsubmit="return validate()">
    <section class="h-100 bg-dark-subtle">
      <div class="container py-5 h-100">
        <div class="row d-flex justify-content-center align-items-center h-100">
          <div class="col">
            <div class="card card-registration my-4">
              <div class="row g-0">
                <div class="col-xl-6 d-none d-xl-block">
                  
                </div>
                <div class="col-xl-6">
                  <div class="card-body p-md-5 text-black">
                    <h3 class="mb-5 text-uppercase">Registration Here</h3>

                    <div class="form-outline mb-4">
                      <input type="text" name="username" id="user" class="form-control form-control-lg" />
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </section>
    </form>
  </body>

```

/>

```

<span id="usr"></span>
<label class="form-label" for="form3Example1m">User name</label>
</div>

<div class="form-outline mb-4">
<input type="text" name="email" id="emails" class="form-control form-control-lg" />
<span id="eml"></span>
<label class="form-label" for="form3Example97">Email ID</label>
</div>

<div class="form-outline mb-4">
<input type="password" name="pass" id="Pass" class="form-control form-control-lg" />
<label class="form-label" for="form3Example9">Password</label>
<span id="pas"></span>
</div>

<div class="form-outline mb-4">
<input type="password" name="cpass" id="cpass" class="form-control form-control-lg" />
<span id="cpas"></span>
<label class="form-label" for="form3Example9">Confirm Password</label>
</div>

<div class="form-outline mb-4">
<input type="text" name="num" id="Num" class="form-control form-control-lg" />
<label class="form-label" for="form3Example90">Phone Number</label>
<span id="nm"></span>
</div>

<div class="form-outline mb-4">
<input type="text" id="Adr" class="form-control form-control-lg" />
<span id="adr"></span>
<label class="form-label" for="form3Example8">Address</label>
</div>

<div class="d-flex justify-content-end pt-3">
<button type="button" class="btn btn-light btn-lg">Reset all</button>
<button type="submit" value="submit" class="btn btn-warning btn-lg ms-2" id="btn" name="submit">Submit
  form</button>
</div>
</div>
</div>
</div>

```

```

</div>
</div>
</div>
</section>
</form>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MIQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN"
  crossorigin="anonymous"></script>
<script type="text/javascript" src="reg.js"></script>
</body>
</html>

```

Reg.js

```

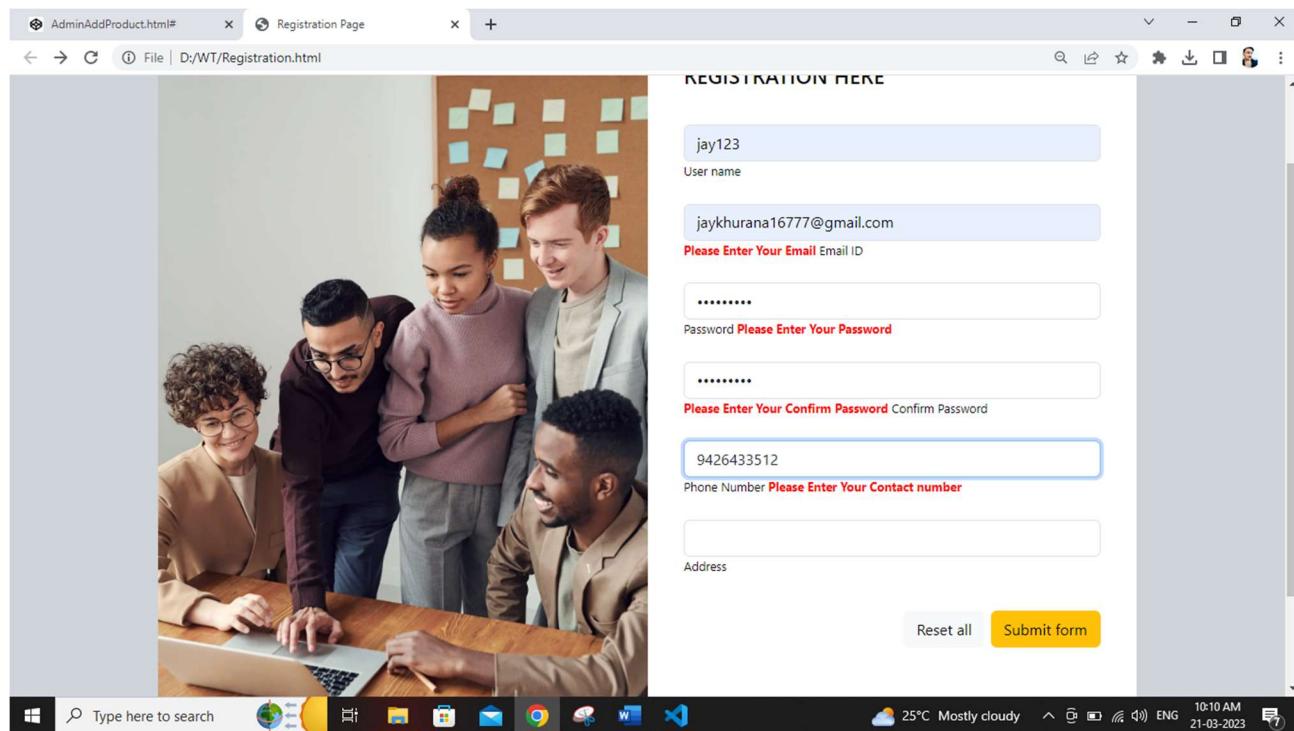
function validate() {
  var username = document.getElementById("user").value;
  var email = document.getElementById("emails").value;
  var pasword = document.getElementById("Pass").value;
  var cpassword = document.getElementById("cpass").value;
  var number = document.getElementById("Num").value;
  // input field is empty or not
  if (username == "") {
    document.getElementById("usr").innerHTML = "Please Enter Your Name";
    return false;
  }
  if (!isNaN(username)) {
    document.getElementById("usr").innerHTML = "Please Enter Characters only";
    return false;
  }
  if (email == "") {
    document.getElementById("eml").innerHTML = "Please Enter Your Email";
    return false;
  }
  var emailformat = /^[a-zA-Z0-9_\.\-]+@[a-zA-Z]{2,6}[.]{1}[a-zA-Z]{2,4}[.]{0,1}[a-zA-Z]{0,2}$/;
  if (emailformat.test(email)) {
    document.getElementById("eml").innerHTML = "";
  } else {
    document.getElementById("eml").innerHTML = "Please Enter correct email format";
    return false;
  }
  if (pasword == "") {
    document.getElementById("pas").innerHTML = "Please Enter Your Password";
    return false;
  }
  var pass = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/;
  if (pass.test(pasword)) {

```

```
document.getElementById('pas').innerHTML = "";
} else {
    document.getElementById('pas').innerHTML = "Please enter Minimum 8 characters at least 1
Alphabet and 1 Number";
    return false;
}
if ((password.length < 1) || (password.length > 12)) {
    document.getElementById("pas").innerHTML = "Please Enter Your Password between 6 to 12
characters";
    return false;
}
if (cpasword == "") {
    document.getElementById("cpas").innerHTML = "Please Enter Your Confirm Password";
    return false;
}
if ((cpasword.length < 1) || (cpasword.length > 12)) {
    document.getElementById("cpas").innerHTML = "Please Enter Your Password between 1 to
12 characters";
    return false;
}
if (password !== cpasword) {
    document.getElementById("cpas").innerHTML = "password is not matched with confirm
password.";
    return false;
}

if (number == "") {
    document.getElementById("nm").innerHTML = "Please Enter Your Contact number";
    return false;
}
if (isNaN(number)) {
    document.getElementById("nm").innerHTML = "Please Enter Your number only";
    return false;
}
if (number.length !== 10) {
    document.getElementById("nm").innerHTML = "Please Enter 10 digit number";
    return false;
}
}
```

OutPut:



REGISTRATION HERE

User name: jay123

Email ID: jaykhurana16777@gmail.com
Please Enter Your Email Email ID

Password:
Please Enter Your Password Please Enter Your Password

Confirm Password:
Please Enter Your Confirm Password Confirm Password

Phone Number: 9426433512
Please Enter Your Contact number

Address:

Reset all Submit form

25°C Mostly cloudy 10:10 AM 21-03-2023

Practical 9: a. Browser interaction: Add Accordion plugin of jQuery to create dynamic menu bar as well content layout.

b. Client-side validations of Product management page in Online Laptop Shopping Web Application

a.Accordin Plugin

Code:

```
<!doctype html>
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>jQuery UI Accordion - Default functionality</title>
    <link rel="stylesheet" href="//code.jquery.com/ui/1.13.2/themes/base/jquery-ui.css">
    <link rel="stylesheet" href="/resources/demos/style.css">
    <script src="https://code.jquery.com/jquery-3.6.0.js"></script>
    <script src="https://code.jquery.com/ui/1.13.2/jquery-ui.js"></script>

<script>
$(function () {
    $("#accordion").accordion({
        active: 1,
        animate: 200
    });
});
</script>
<style>
#accordion {
    width: 500px;
    margin: 0 auto;
}

#accordion h3 {
    background-color: #eee;
    border-bottom: 1px solid #ddd;
    padding: 10px;
    cursor: pointer;
}

#accordion div {
    background-color: #fff;
    padding: 10px;
    border: 1px solid #ddd;
}

```

```

.toggler {
  width: 500px;
  height: 200px;
  position: relative;
}

#button {
  padding: .5em 1em;
  text-decoration: none;
}

#effect {
  width: 240px;
  height: 170px;
  padding: 0.4em;
  position: relative;
}

#effect h3 {
  margin: 0;
  padding: 0.4em;
  text-align: center;
}

.ui-effects-transfer {
  border: 2px dotted gray;
}
</style>
<script>
$(function () {
  // run the currently selected effect
  function runEffect() {
    // get effect type from
    var selectedEffect = $("#effectTypes").val();

    // Most effect types need no options passed by default
    var options = {};
    // some effects have required parameters
    if (selectedEffect === "scale") {
      options = { percent: 50 };
    } else if (selectedEffect === "transfer") {
      options = { to: "#button", className: "ui-effects-transfer" };
    } else if (selectedEffect === "size") {
      options = { to: { width: 200, height: 60 } };
    }

    // Run the effect
  }
})

```

```

$( "#effect" ).effect( selectedEffect, options, 500, callback );
};

// Callback function to bring a hidden box back
function callback() {
  setTimeout(function () {
    $("#effect").removeAttr("style").hide().fadeIn();
  }, 1000);
}

// Set effect from select menu value
$("#button").on("click", function () {
  runEffect();
  return false;
});
});

</script>
</head>

<body>
<div id="accordion">
  <h3>Section 1</h3>
  <div>
    <p>Content for section 1 goes here.</p>
  </div>
  <h3>Section 2</h3>
  <div>
    <p>Content for section 2 goes here.</p>
  </div>
  <h3>Section 3</h3>
  <div>
    <p>Content for section 3 goes here.</p>
  </div>
</div>
<div class="all" style="padding-left: 520px;">
  <div class="toggler">
    <div id="effect" class="ui-widget-content ui-corner-all">
      <h3 class="ui-widget-header ui-corner-all">Effect</h3>
      <p>
        Etiam libero neque, luctus a, eleifend nec, semper at, lorem. Sed pede. Nulla lorem
        metus,adipiscing ut, luctus sed, hendrerit vitae, mi.
      </p>
    </div>
  </div>
</div>

<select name="effects" id="effectTypes">
  <option value="blind">Blind</option>

```

```
<option value="bounce">Bounce</option>
<option value="clip">Clip</option>
<option value="drop">Drop</option>
<option value="explode">Explode</option>
<option value="fade">Fade</option>
<option value="fold">Fold</option>
<option value="highlight">Highlight</option>
<option value="puff">Puff</option>
<option value="pulsate">Pulsate</option>
<option value="scale">Scale</option>
<option value="shake">Shake</option>
<option value="size">Size</option>
<option value="slide">Slide</option>
<option value="transfer">Transfer</option>
</select>

<button id="button" class="ui-state-default ui-corner-all">Run Effect</button>
</div>
</body>
</html>
```

OutPut:

Section 1

Section 2

Content for section 2 goes here.

Section 3

Effect

Etiam libero neque, luctus a, eleifend
nec, semper at, lorem. Sed pede.
Nulla lorem metus, adipiscing ut,
luctus sed, hendrerit vitae, mi.

b. AdminAddProduct Validation

Code:

```
<!DOCTYPE html>
```

```

<head>
  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
  <link rel="stylesheet" href="AdminEditCustomer.css">
  <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.3.0/css/font-awesome.min.css" rel="stylesheet">
  <link rel="shortcut icon" type="image/x-icon" href="https://cpwebassets.codepen.io/assets/favicon/favicon-aec34940fbca6e787974dcd360f2c6b63348d4b1f4e06c77743096d55480f33.ico">
  <link rel="mask-icon" href="https://cpwebassets.codepen.io/assets/favicon/logo-pin-b4b4269c16397ad2f0f7a01bcdf513a1994f4c94b8af2f191c09eb0d601762b1.svg" color="#111">
  <link rel="canonical" href="https://codepen.io/T-P/pen/MyNjOO">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/0.97.6/css/materialize.min.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/materialize/0.97.6/font/material-design-icons/Material-Design-Icons.woff">
<style>
  #pid,
  #pnm,
  #pdes,
  #ppri {
    color: red;
    font-weight: bold;
  }
</style>
</style>
</head>

<body>
  <ul id="slide-out" class="side-nav fixed z-depth-2">
    <li class="center no-padding">
      <div class="indigo darken-2 white-text" style="height: 180px;">
        <div class="row">
          
        <p style="margin-top: -13%;">
          Jay Gadhethariya
        </p>
      </div>
    </li>
  </ul>
</body>

```

```

      </p>
    </div>
  </div>
</li>

<li id="dash_dashboard"><a class="waves-effect"
  href="Admin.html"><b>Dashboard</b></a></li>

<ul class="collapsible" data-collapse="accordion">
  <li id="dash_users">
    <div id="dash_users_header" class="collapsible-header waves-
    effect"><b>Company</b></div>
    <div id="dash_users_body" class="collapsible-body">
      <ul>
        <li id="users_seller">
          <a class="waves-effect" style="text-decoration: none;" href="Admin
            Company.html">Company</a>
        </li>
        <li id="users_customer">
          <a class="waves-effect" style="text-decoration: none;" href="AddCompany.html">Add
            Company</a>
        </li>
      </ul>
    </div>
  </li>

  <li id="dash_products">
    <div id="dash_products_header" class="collapsible-header waves-
    effect"><b>Products</b></div>
    <div id="dash_products_body" class="collapsible-body">
      <ul>
        <li id="products_product">
          <a class="waves-effect" style="text-decoration: none;" href="AdminProduct.html">Products</a>
          <a class="waves-effect" style="text-decoration: none;" href="AdminAddProduct.html">Add
            Product</a>
        </li>
      </ul>
    </div>
  </li>

  <li id="dash_categories">
    <div id="dash_categories_header" class="collapsible-header waves-
    effect"><b>Categories</b></div>

```

```

<div id="dash_categories_body" class="collapsible-body">
  <ul>
    <li id="categories_category">
      <a class="waves-effect" style="text-decoration: none;" href="AdminCategory.html">Category</a>
    </li>

    <li id="categories_sub_category">
      <a class="waves-effect" style="text-decoration: none;" href="AdminAddCategory.html">Add
        Category</a>
    </li>
  </ul>
</div>
</li>
</ul>
</ul>

<header>
  <ul class="dropdown-content" id="user_dropdown">
    <li><a class="indigo-text" href="#">Profile</a></li>
    <li><a class="indigo-text" href="#">Logout</a></li>
  </ul>

<nav class="indigo" role="navigation">
  <div class="nav-wrapper">
    <a data-activates="slide-out" class="button-collapse show-on-" href="#"></a>

    <ul class="right hide-on-med-and-down">
      <li>
        <a class='right dropdown-button' href="#" data-activates='user_dropdown'><i
          class=' material-icons'>account_circle</i></a>
      </li>
    </ul>

    <a href="#" data-activates="slide-out" class="button-collapse"><i class="mdi-navigation-
      menu"></i></a>
  </div>
</nav>

```

```
</header>

<main>
<form id="myform" method="POST" action="#" onsubmit="return Advalidate()">
    <div id="app" class="container" style="padding-left: 150px;">
        <h3 class="mt-3" style="text-align: center;">Add Product</h3>
        <hr>
        <div class="col">
            <div class="row">
                <label style="color: black;">Product ID</label>
                <input type="number" class="form-control" v-model="id" id="Proid" name="Productid">
                <span id="pid"></span>
            </div>
            <div class="row">
                <label style="color: black;">Product name</label>
                <input type="text" class="form-control" v-model="name" id="Pronm" name="ProductName">
                <span id="pnm"></span>
            </div>
            <div class="row">
                <label style="color: black;">Product Desc</label>
                <input type="text" class="form-control" v-model="email" id="Prodesc" name="ProductDescrip">
                <span id="pdes"></span>
            </div>
            <div class="row">
                <label style="color: black;">Product Image:::</label>
                <input type="file">
            </div>
            <div class="row">
                <label style="color: black;">Product Price</label>
                <input type="text" class="form-control" id="Propr" name="Prodescript">
                <span id="ppri"></span>
            </div>
        </div>
    </div>
    <button type="submit" value="submit" class="btn btn-warning btn-lg ms-2" id="btn" name="submit" style="margin-left: 700px;">Submit
        form</button>
        <hr>
    </div>
</form>
</main>

<footer class="indigo page-footer" style="padding-left: 50px;">
```

```

<div class="footer-copyright">
  <div class="container">
    <span>Made By <a style='font-weight: bold;' href="https://github.com/piedcipher"
      target="_blank">Jay
      Gadhethariya</a></span>
  </div>
</div>
</footer>
<script>
  $('.button-collapse').sideNav();

  $('.collapsible').collapsible();

  $('select').material_select();
</script>
<script>
  function myFunction() {
    var x = document.getElementById("myTopnav");
    if (x.className === "topnav") {
      x.className += " responsive";
    } else {
      x.className = "topnav";
    }
  }
</script>
<script>
  new Vue({
    el: '#app',
    data: {
      id: '',
      name: '',
      email: '',
      dataTable: null,
    },
    methods: {

      addProduct() {

        this.dataTable.row.add([
          this.id,
          '<a href="#">' + this.name + '</a>',
          this.email
        ]).draw(false)
        this.id = "";
        this.name = "";
      }
    }
  })
</script>

```

```

    this.email = "";
  }
},
mounted() {
  let users = [];

  this.dataTables = $('#user-table').DataTable({});

  const url = 'https://jsonplaceholder.typicode.com/users';
  fetch(url)
    .then(res => res.json())
    .then(data => {
      data.forEach(item => {
        users.push(item);
      });
    });

  users.forEach(user => {
    this.dataTables.row.add([
      user.id,
      '<a href="#">' + user.name + '</a>',
      user.email
    ]).draw(false)
  })
}
})
})
</script>
</body>
</html>

```

AdParval.js

```

function Advalidate() {
  var Productid = document.getElementById("Proid").value;
  var Productname = document.getElementById("Pronm").value;
  var ProductDesc = document.getElementById("Prodesc").value;
  var ProductPrice = document.getElementById("Propr").value;
  // input field is empty or not

  var prid = /^[^A-Za-z][^\d]{8,}\$/;
  if (prid.test(Productid)) {
    document.getElementById('pid').innerHTML = "";
  } else {
    document.getElementById('pid').innerHTML = "Please enter Minimum 8 Number";
    return false;
  }

  if (Productid == "") {

```

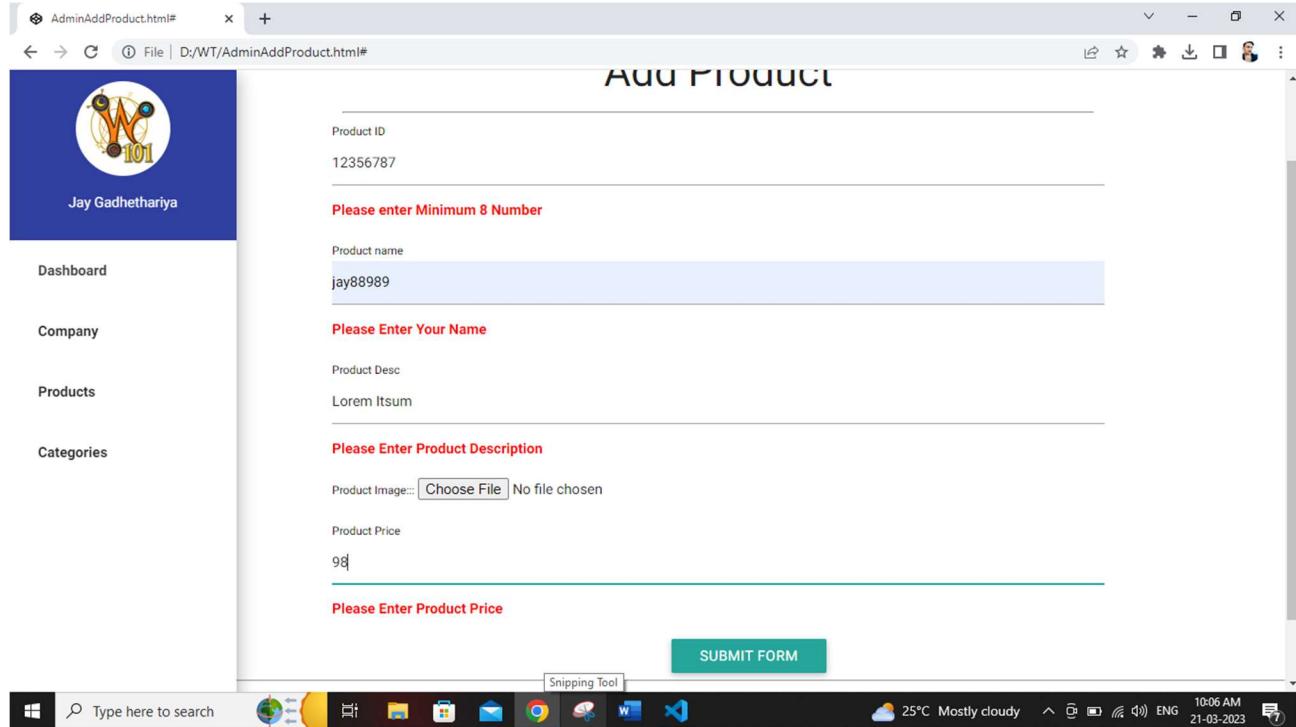
```
document.getElementById("pid").innerHTML = "Please Enter Your Contact number";
return false;
}
if(isNaN(Productid)) {
    document.getElementById("pid").innerHTML = "Please Enter Your number only";
    return false;
}
if(Productid.length !== 8) {
    document.getElementById("pid").innerHTML = "Please Enter 8 digit number";
    return false;
}

if(Productname == "") {
    document.getElementById("pnm").innerHTML = "Please Enter Your Name";
    return false;
}
else {
    document.getElementById("pnm").innerHTML = "";
}
if(!isNaN(Productname)) {
    document.getElementById("pnm").innerHTML = "Please Enter Characters only";
    return false;
}
else {
    document.getElementById("pnm").innerHTML = "";
}

if(ProductDesc == "") {
    document.getElementById('pdes').innerHTML = "Please Enter Product Description";
    return false;
}
else {
    document.getElementById("pdes").innerHTML = "";
}

if(ProductPrice == "") {
    document.getElementById("ppri").innerHTML = "Please Enter Product Price";
    return false;
}
else {
    document.getElementById("ppri").innerHTML = "";
}
}
```

OutPut:



The screenshot shows a web application window titled "Add Product". On the left, there is a sidebar with a logo and navigation links: "Dashboard", "Company", "Products", and "Categories". The main content area has several input fields and validation messages:

- Product ID: 12356787 (Validation message: Please enter Minimum 8 Number)
- Product name: jay88989 (Validation message: Please Enter Your Name)
- Product Desc: Lorem Ipsum
- Product Price: 98 (Validation message: Please Enter Product Price)

At the bottom right of the form is a green "SUBMIT FORM" button.

The taskbar at the bottom of the screen shows various pinned icons and the system tray with weather information (25°C, Mostly cloudy), date (21-03-2023), and time (10:06 AM).