

**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>

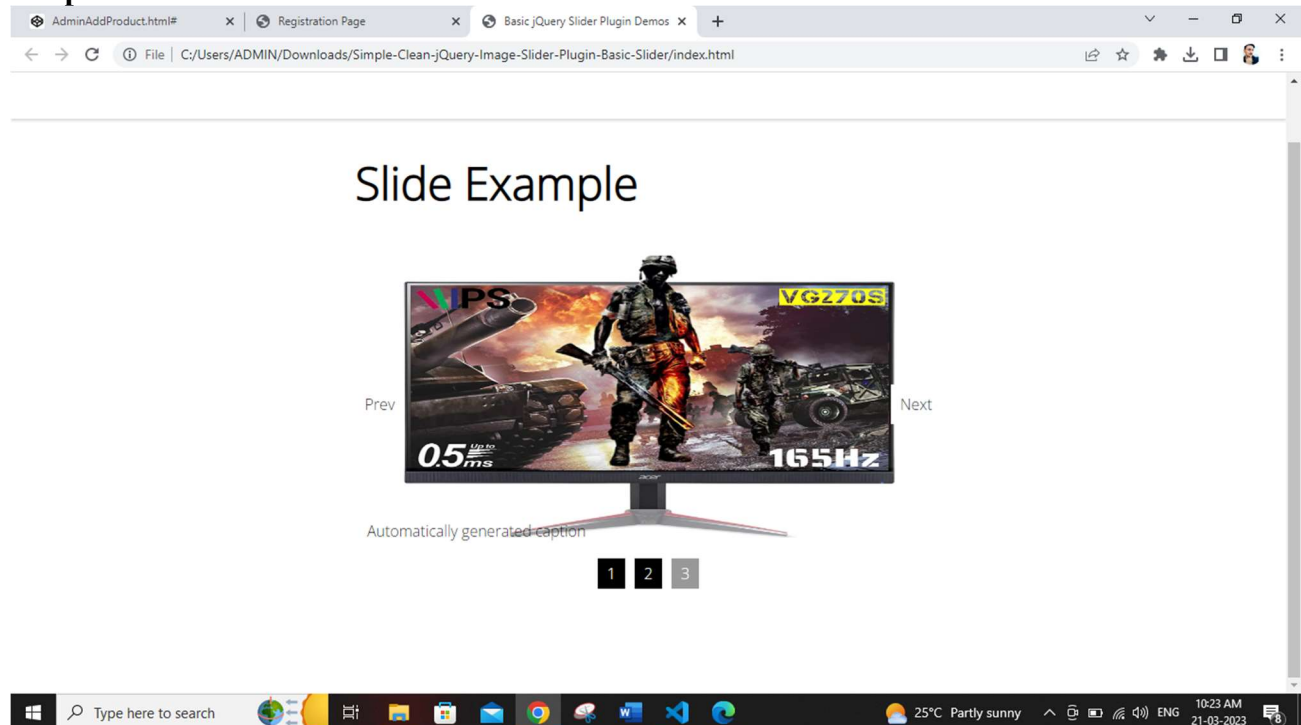
<body>
  <div id="jquery-script-menu">
    <div class="jquery-script-center">
      <div class="jquery-script-ads">
        <script type="text/javascript"
          src="http://pagead2.googlesyndication.com/pagead/show_ads.js">
        </script>
      </div>
      <div class="jquery-script-clear"></div>
    </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>
        </li>
      </ul>
    </div>
  </div>
</body>
</html>
```

```
</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-
    GLhlITQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/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"

```

---

  
</>

```
<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>
```

&lt;/&gt;

```
<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>
```

&lt;/div&gt;

&lt;/div&gt;

&lt;/div&gt;

&lt;/div&gt;

```
</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>
```

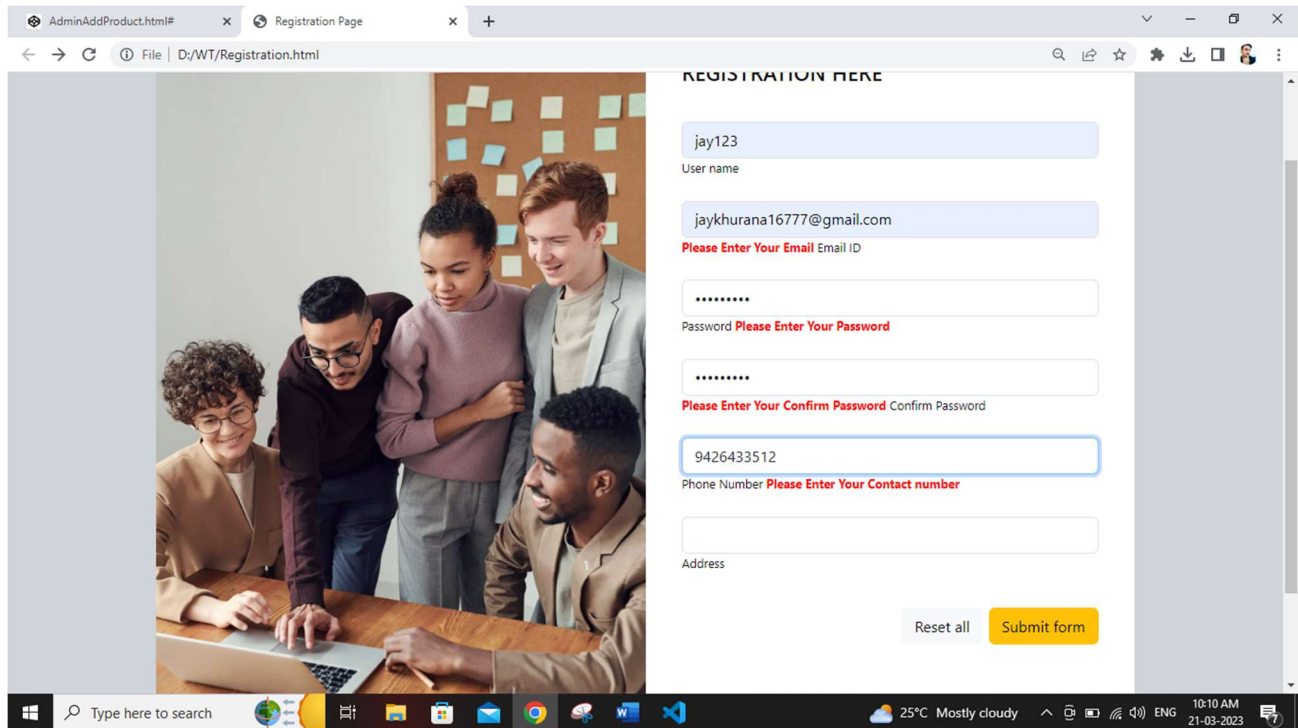
### Reg.js

```
function validate() {
  var username = document.getElementById("user").value;
  var email = document.getElementById("emails").value;
  var pasword = document.getElementById("Pass").value;
  var cpasword = 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-z A-Z 0-9 _ \. \- ]+@[a-z A-Z]{2,6}[.]{1}[a-z]{2,4}[.]{0,1}[a-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 (cpassword == "") {
    document.getElementById("cpas").innerHTML = "Please Enter Your Confirm Password";
    return false;
}
if ((cpassword.length < 1) || (cpassword.length > 12)) {
    document.getElementById("cpas").innerHTML = "Please Enter Your Password between 1 to
    12 characters";
    return false;
}
if (password !== cpassword) {
    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:



AdminAddProduct.html# x Registration Page x +

File | D:/WT/Registration.html

### REGISTRATION HERE

User name

Please Enter Your Email Email ID

Password Please Enter Your Password

Please Enter Your Confirm Password Confirm Password

Phone Number Please Enter Your Contact number

Address

Reset all Submit form

Type here to search 25°C Mostly cloudy 10:10 AM 21-03-2023

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**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.

Drop ▼ Run Effect

## **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-
```

```
  aec34940fbc1a6e787974dcd360f2c6b63348d4b1f4e06c77743096d55480f33.ico">
```

```
  <link rel="mask-icon"
```

```
  href="https://cpwebassets.codepen.io/assets/favicon/logo-pin-
```

```
  b4b4269c16397ad2f0f7a01bcd513a1994f4c94b8af2f191c09eb0d601762b1.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>
</div>
</li>

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

<ul class="collapsible" data-collapsible="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
    </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.dataTable = $('#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.dataTable.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 = /^(?=[0-9 A-Za-z])(?=[0-9 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 == "") {
```

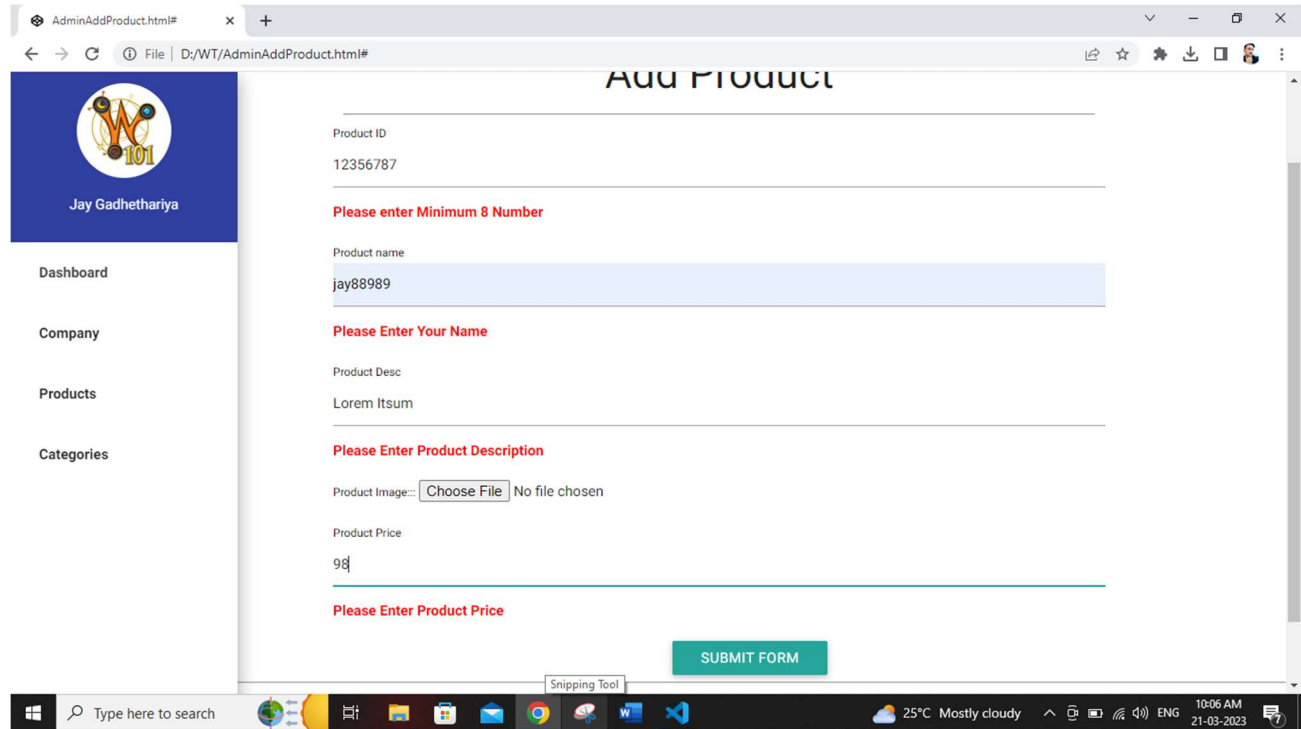
```
document.getElementById("pid").innerHTML = "Please Enter Your Contact number";
return false;
}
if (isNaN(Productid)) {
document.getElementById("pid").innerHTML = "Please Enter Your number only";
return false;
}
if (Productid.length !== 8) {
document.getElementById("pid").innerHTML = "Please Enter 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 displays a web browser window with the address bar showing 'AdminAddProduct.html#'. The page title is 'Add Product'. On the left, there is a sidebar with a user profile 'Jay Gadhethariya' and a menu with items: Dashboard, Company, Products, and Categories. The main content area contains a form with the following fields and validation messages:

- Product ID:** 12356787. Validation: **Please enter Minimum 8 Number**.
- Product name:** jay88989. Validation: **Please Enter Your Name**.
- Product Desc:** Lorem Itsum. Validation: **Please Enter Product Description**.
- Product Image:** Choose File. No file chosen.
- Product Price:** 98. Validation: **Please Enter Product Price**.

A green 'SUBMIT FORM' button is located at the bottom right of the form. The Windows taskbar at the bottom shows the date and time as 10:06 AM on 21-03-2023, along with system icons and a search bar.