

WEB DEVELOPMENT LAB

JSP & MYSQL

NAME : NITHISH G

REG NO : 19BCS0012

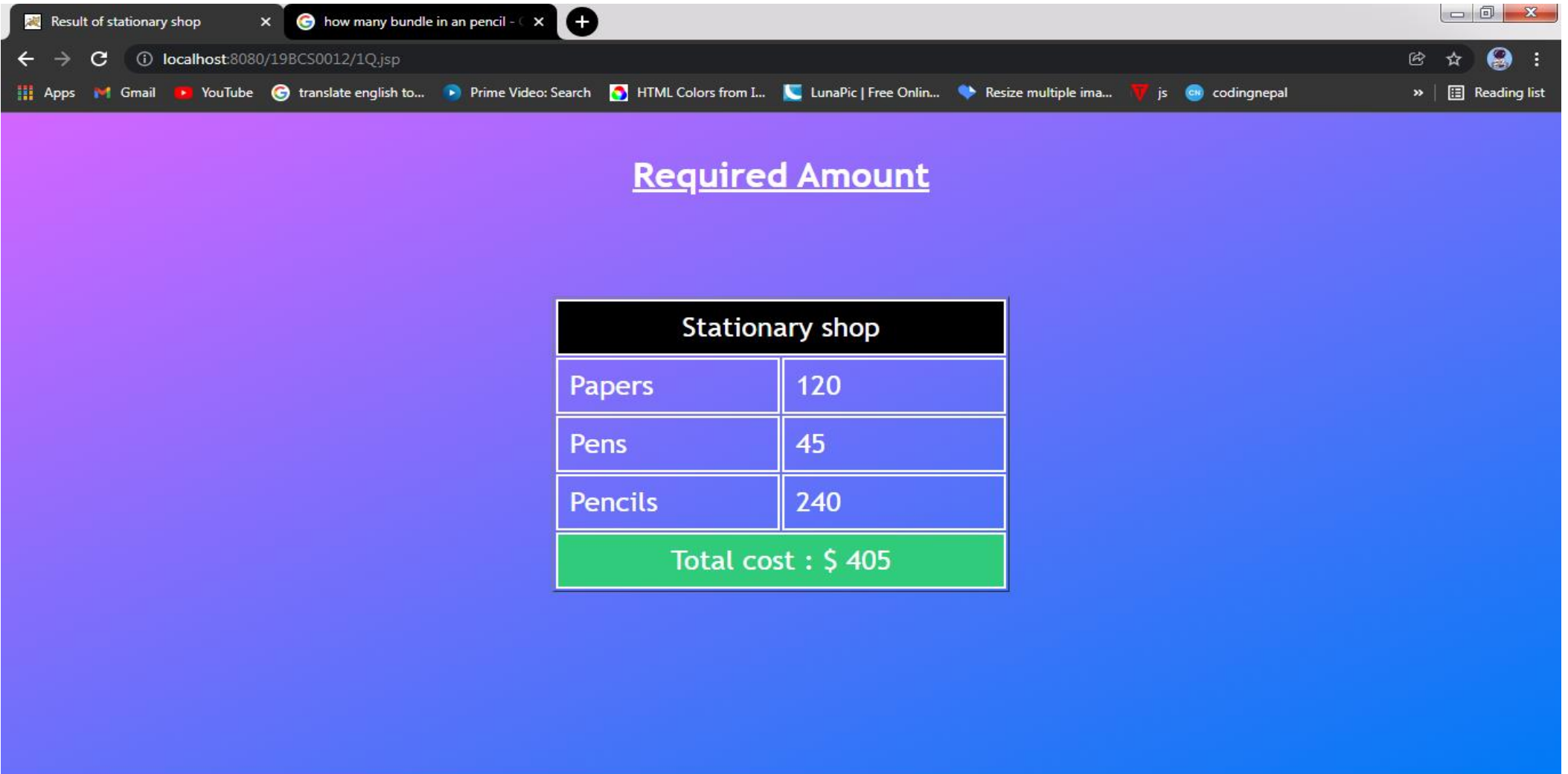
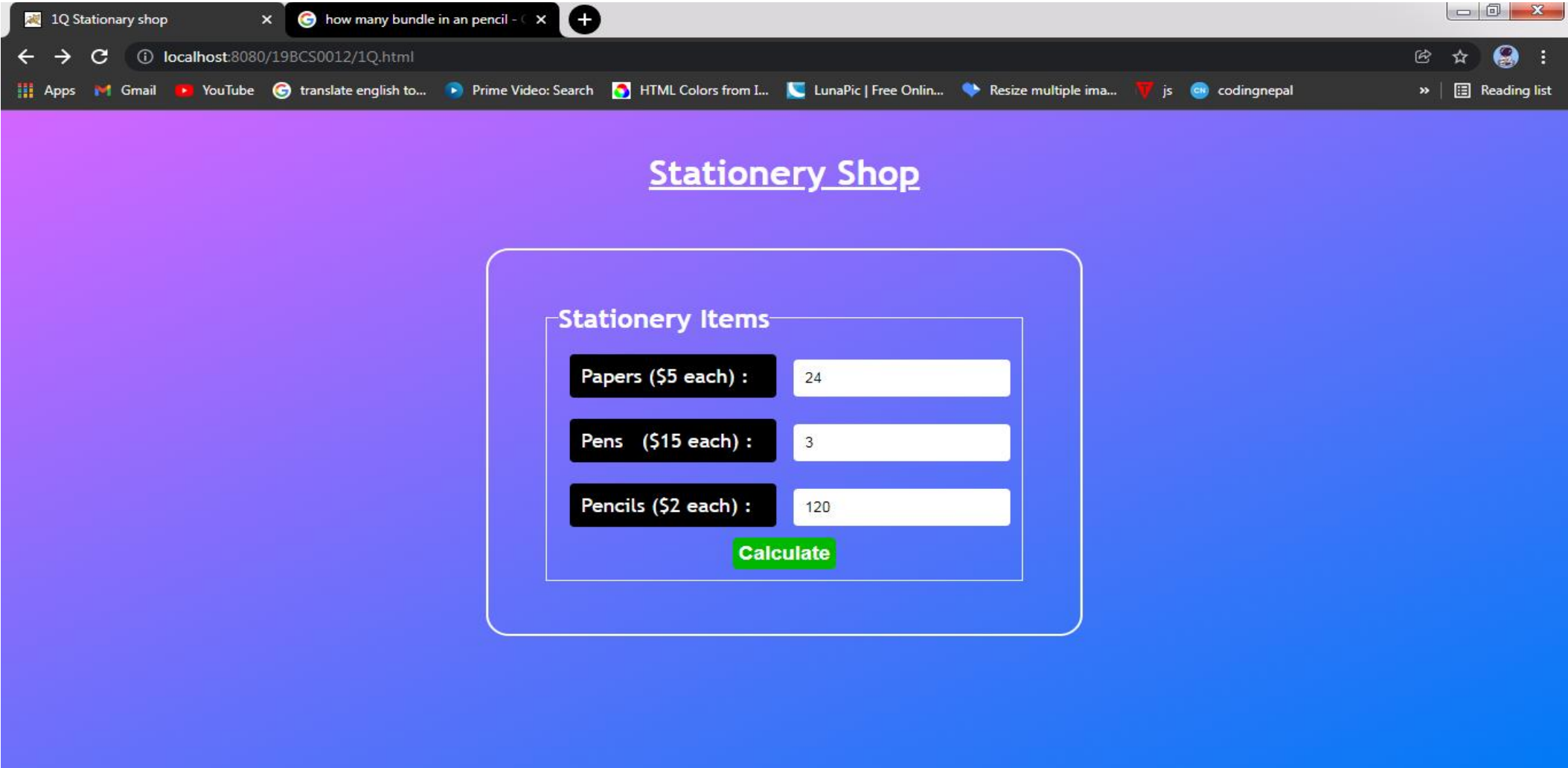
COURSE : WEB-DEVELOPMENT

DATE : 9/12/2021

1 QUESTION :

You have to buy two dozen papers (each paper is \$5), three pens (each pen is \$15), and fivebundles of pencils (each pencil is \$2). How much money you will need to take to the stationary store? Develop a simple servlet program to implement the same

Output



SOURCE CODE:

HTML :

```
<!DOCTYPE HTML>

<html>

<head>

  <title>1Q Stationary shop</title>

  <link rel="stylesheet" href="1Q.css" />

</head>

<body>

  <h1 style="position: absolute; top: 40px;text-decoration: underline">Stationery Shop</h1>

  <form action="1Q.jsp" method="POST" autocomplete="off">

    <fieldset>
```

```
<legend style="font-size: x-large;font-weight: bold">Stationery Items</legend>

<span>    Papers ($5 each) : </span> <input type="number"

value ="24" name="count_paper" required><br>

    <span>Pens &nbsp; ($15 each) : </span>

<input value="3" type="number" name="count_pen" required><br>

    <span>Pencils ($2 each) : </span>

    <input value="120" type="number" name="count_pencil" required><br>

<center>

<input type="submit" id="calculate" accesskey="g" value="Calculate"

style="height: 30px; padding: 5px; background: #00B800; color: white;

border: none; border-radius: 5px; font-weight: bold;  font-size: 18px;  " />

</center>

    </fieldset>

</form>

</body>

</html>
```

CSS:

```
*{

margin: 0;

padding: 0;

}

body{

display: flex;

align-items: center;

justify-content: center;

height: 100vh;

background-image: -webkit-linear-gradient(top left, #D466FF, #007AF5);

background-image: linear-gradient(to bottom right, #D466FF, #007AF5);

color : white;

font-family: "Trebuchet MS", Helvetica, sans-serif

}

form{

display : inline-block;

padding: 50px;

border: 2px solid white;

border-radius: 20px;

}

fieldset{

padding: 10px;

border: 1px solid white;

}

form span{

width : 160px;

background: black;

color: white;

padding: 10px;

display: inline-block;

margin: 10px;

font-size: 18px;

border-radius: 4px;

}

form input{

padding: 10px;

border-radius: 4px;

border : none;
```

```
}

table{

    width: 400px;

}

td{

    width: 100px;

    padding: 10px;

    font-size : 25px;

    border : 2px solid white;

}
```

Jsp

```
<!DOCTYPE HTML>

<html>

<head>

    <title>Result of stationary shop</title>

    <link rel="stylesheet" href="1Q.css" />

</head>

<body>

    <h1 style="position: absolute; top: 40px;text-decoration: underline">Required Amount </h1>

<%

    int total_papers = Integer.parseInt(request.getParameter("count_paper")) * 5;

    int total_pens   = Integer.parseInt(request.getParameter("count_pen")) * 15;

    int total_pencils = Integer.parseInt(request.getParameter("count_pencil")) * 2;

    int total_items = total_papers+total_pens+total_pencils;

%>

    <table border="1" cellspacing="2" cellpadding="10">

        <tr>

            <td colspan="2"

                style="text-align : center; background : black; color: white;" >

                Stationary shop</td>

        </tr>

        <tr>

            <td>Papers</td>

            <td><%=total_papers%></td>

        </tr>

        <tr>

            <td>Pens</td>

            <td><%=total_pens%></td>

        </tr>

        <tr>

            <td>Pencils</td>

            <td><%=total_pencils%></td>

        </tr>

        <tr>

            <td colspan="2"

                style="text-align : center; background : #30CC7C; color: white;">

                Total cost : $ <%=total_items%></td>

        </tr>

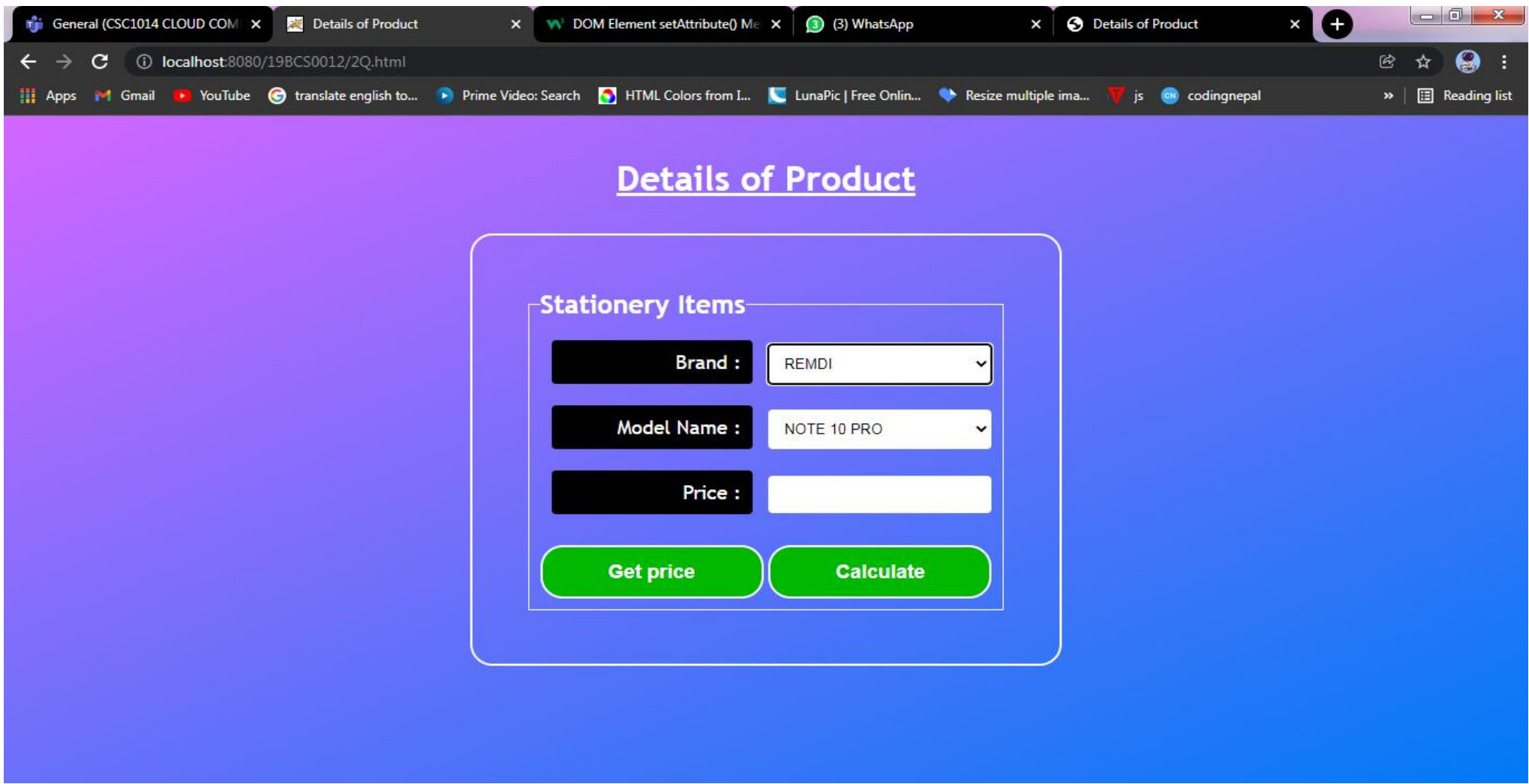
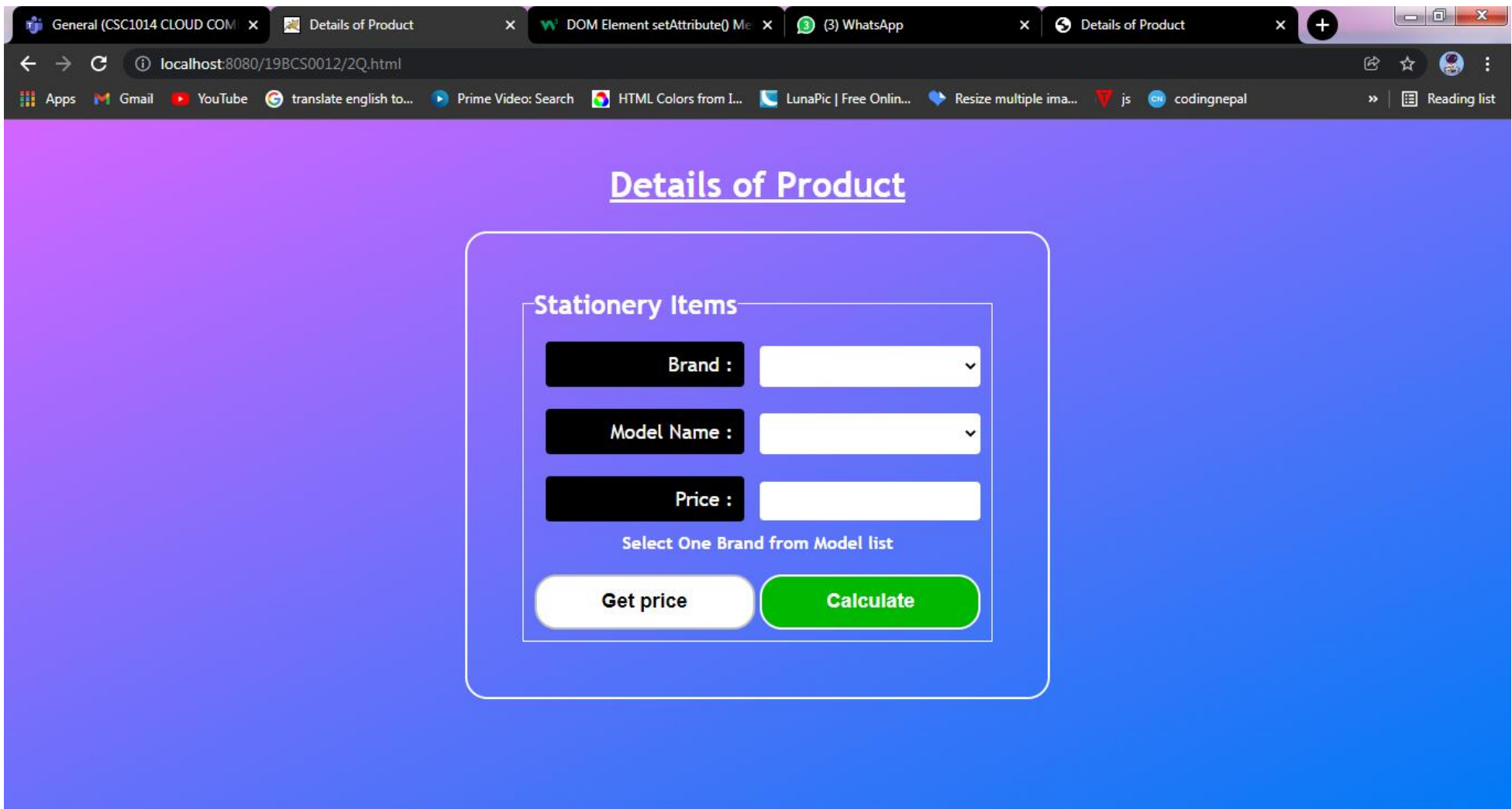
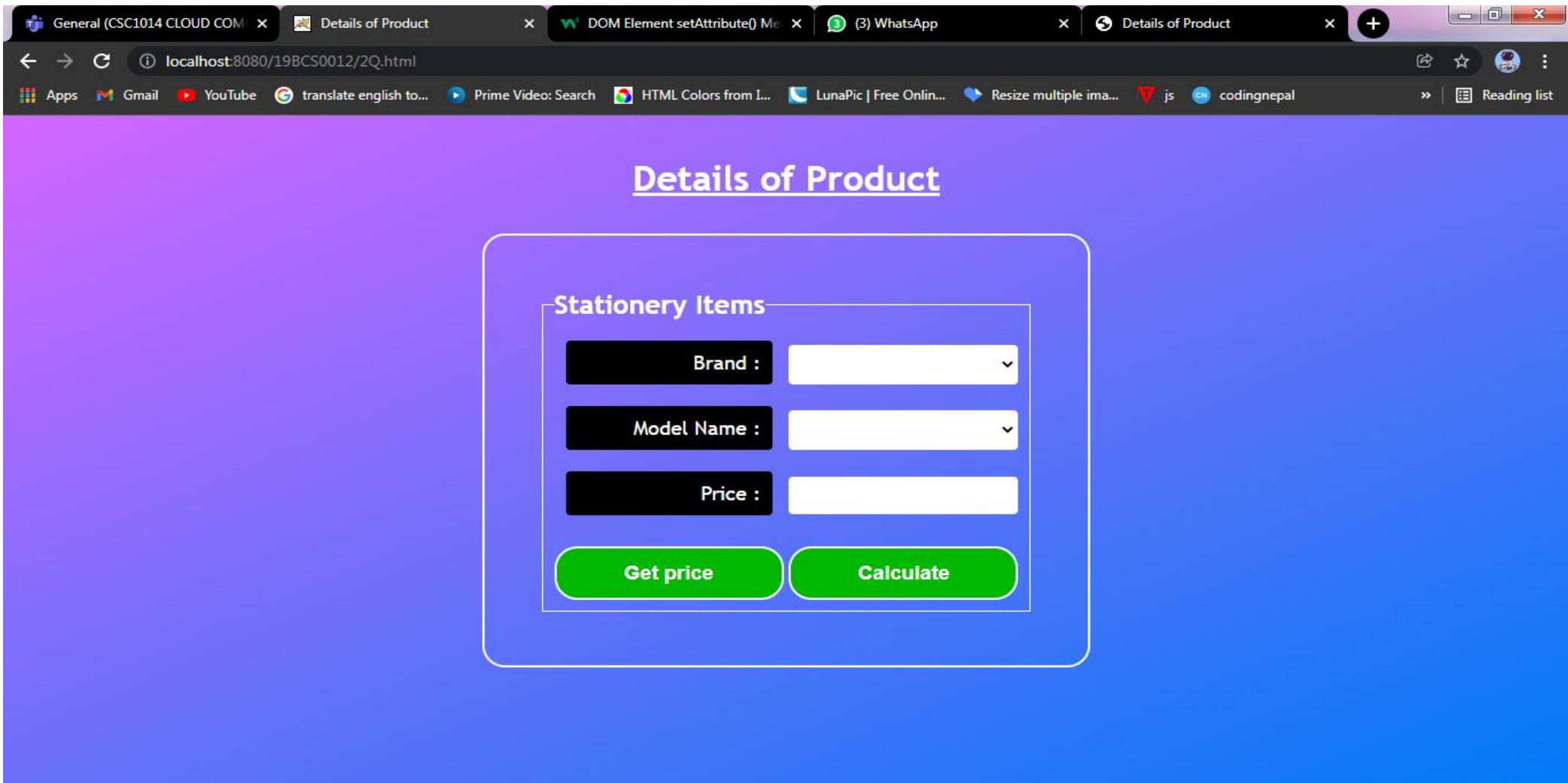
    </table>

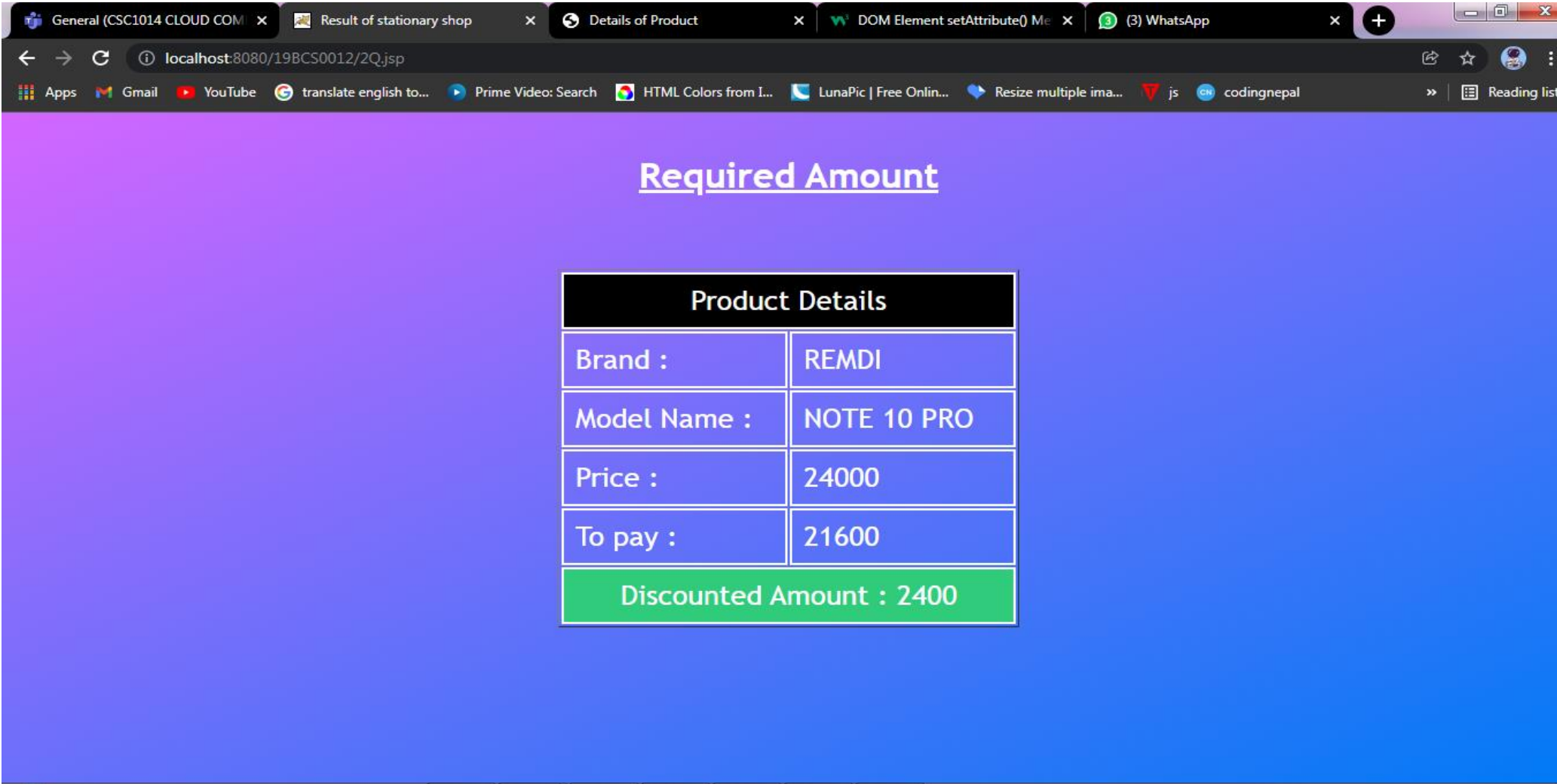
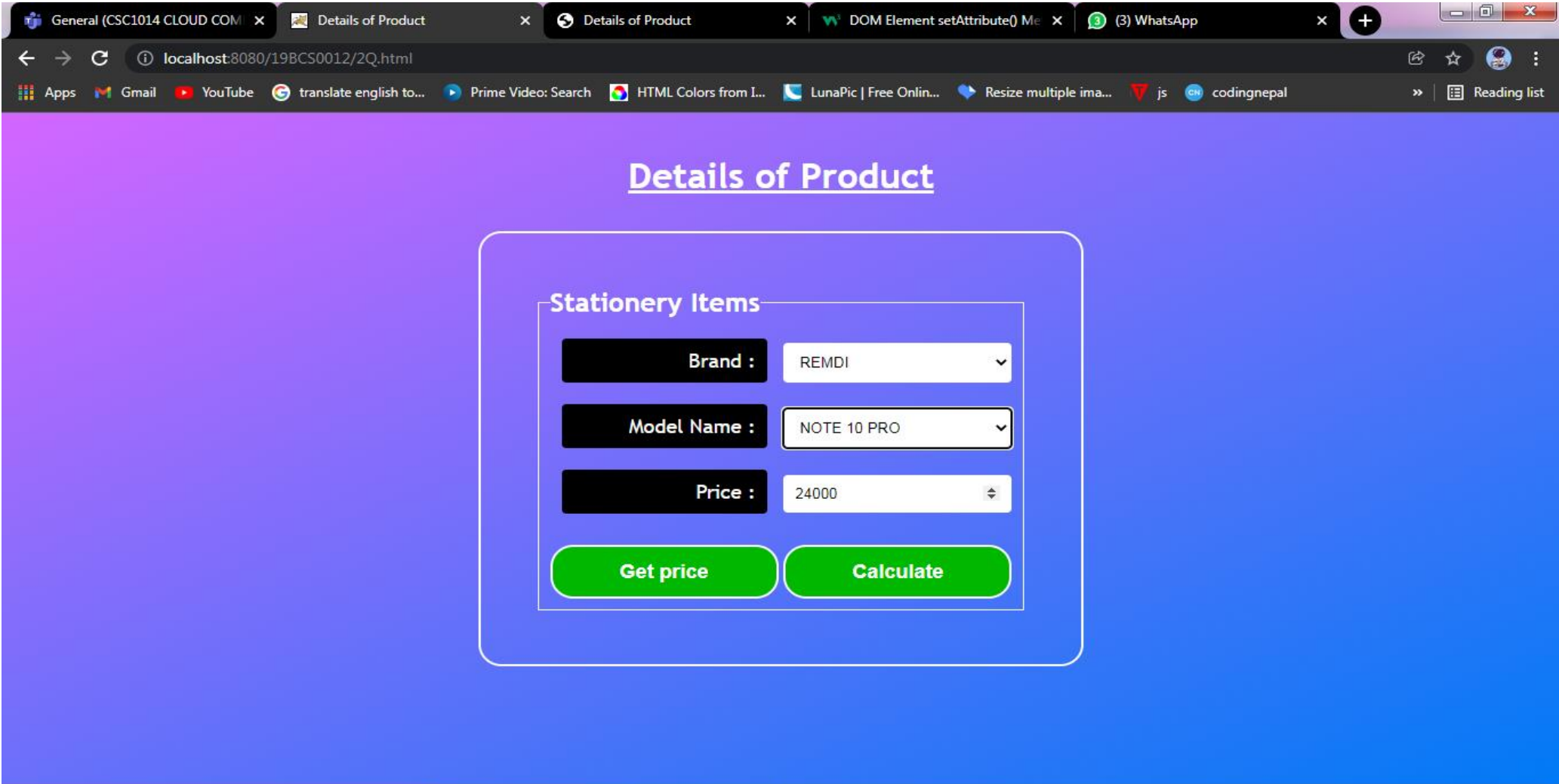
</body>

</html>
```

2. Details of Product (Model Name, Price and Brand) is stored and maintained by company. Validate the entries of Product details. If it is valid, display the final price with discount. Note: 5% discount when the price is between Rs.1000 and Rs.10000. 10% discount when the price is greater than Rs.10000. Develop the web application for the same using Servlet.

OUTPUT





Source code:

```
<!DOCTYPE HTML>

<html>

<head>
  <title>Details of Product </title>
  <link rel="stylesheet" href="2Q.css" />
</head>

<body>

  <h1 style="position: absolute; top: 40px;text-decoration: underline;">Details of Product</h1>

  <form method="POST" autocomplete="off">

    <fieldset>

      <legend style="font-size: x-large;font-weight: bold">Stationery Items</legend>

      <span >    Brand : </span>

      <select name="Brand" id="bd">

        <option hidden="hidden" selected="selected" disabled="disabled"></option>

        <option>REMDI</option>
```

```
<option>SAMSUNG</option>

<option>NOKIA</option>

</select>

<br>

<span> Model Name : </span>

<select name="mn" id="mn" >

<option hidden="hidden" selected="selected" disabled="disabled"></option>

<option>NOTE 10</option>

<option>NOTE 10+</option>

<option>NOTE 10 PRO</option>

</select>

<br>

<span> Price : </span>

<input name="price" id="price" type="number" value="" style="width:180px;" />

<br>

<p id="err"></p>

<br>

<center>

<input type="button" id="get_price" value="Get price" onclick="gprice()"/>

<input type="button" id="calculate" value="Calculate" onclick="nav()" />

<script>

var err = document.getElementById('err');

var price = document.getElementById('price');

var sl = document.getElementsByTagName('select');

var mn = document.getElementById('mn');

var bd = document.getElementById('bd');

function gprice()

{

if(!mn.value)

{ err.innerHTML = 'Select One Model from Model list';      }

if(!bd.value)

{      err.innerHTML = 'Select One Brand from Model list';      }

if(bd.value && mn.value ){

let x = Math.floor((Math.random() * 3) + 1);

err.innerHTML = "";

switch(x)

{

case 1: price.value = "8000"; break;

case 2: price.value = "12000"; break;
```

```
        case 3: price.value = "24000"; break;

    }

}

function nav()

{

    if(bd.value && mn.value )

    {

        document.getElementById('calculate').setAttribute('type','submit');

        document.getElementsByTagName('form')[0].setAttribute("action","2Q.jsp");

    }    else{ err.innerHTML="Provide valid Details";}

}

</script>

</center>

    </fieldset>

</form>

</body>

</html>
```

JSP

```
<!DOCTYPE HTML>

<html>

<head>

    <title>Result of stationary shop</title>

    <link rel="stylesheet" href="1Q.css" />

</head>

<body>

    <h1 style="position: absolute; top: 40px;text-decoration: underline">Required Amount </h1>

<%

    String Brand = request.getParameter("Brand");

    String mn = request.getParameter("mn");

    int price = Integer.parseInt(request.getParameter("price"));

    int f_price =0;

    int d_price =0;

    if(price > 10000)

    { f_price = price- price/10; d_price = price/10; }

    else if(price >=1000 && price <=10000)

    { f_price = price-price/5; d_price = price/5; }

%>

    <table border="1" cellspacing="2" cellpadding="10">

        <tr>

            <td colspan="2"

                style="text-align : center; background : black; color: white;" >

                Product Details</td>
```

```

    </tr>

    <tr>

        <td> Brand :</td>

        <td><%=Brand%></td>

    </tr>

    <tr>

        <td> Model Name : </td>

        <td><%=mn%></td>

    </tr>

    <tr>

        <td>Price : </td>

        <td><%=price%></td>

    </tr>


    <tr>

        <td>To pay : </td>

        <td><%=f_price%></td>

    </tr>


    <tr>

        <td colspan="2"

            style="text-align : center; background : #30CC7C; color: white;">

            Discounted Amount : <%=d_price%></td>

    </tr>

</table>

</body>

</html>
```

CSS

```

*{

    margin: 0;

    padding: 0;

}

body{

    display: flex;

    align-items: center;

    justify-content: center;

    height: 100vh;

    background-image: -webkit-linear-gradient(top left, #D466FF, #007AF5);

    background-image: linear-gradient(to bottom right, #D466FF, #007AF5);

    color : white;

    font-family: "Trebuchet MS", Helvetica, sans-serif

}

#err{

    color: white;
```



```

    text-align: center;

    font-weight: bold;
}

form{

    display : inline-block;

    padding: 50px;

    border: 2px solid white;

    border-radius: 20px;
}

fieldset{

    padding: 10px;

    border: 1px solid white;

}

form span{

    width : 160px;

    background: black;

    color: white;

    padding: 10px;

    display: inline-block;

    margin: 10px;

    font-size: 18px;

    border-radius: 4px;

    text-align: right;
}

form input, select{

    padding: 10px;

    border-radius: 4px;

    border : none;

    width: 200px;
}

#calculate,#get_price{

    height: 50px;

    padding: 5px;

    background: #00B800;

    color: white;

    border: 2px solid white;

    border-radius: 20px;

    font-weight: bold;

    font-size: 18px;

    cursor: pointer;

    transition: 0.5s;
}

#calculate:hover,#get_price:hover{

    background: white;

    color: black;

    border: 2px solid #BDBDBD;
}

table{

    width: 400px;
```

```
}

td{

    width: 100px;

    padding: 10px;

    font-size : 25px;

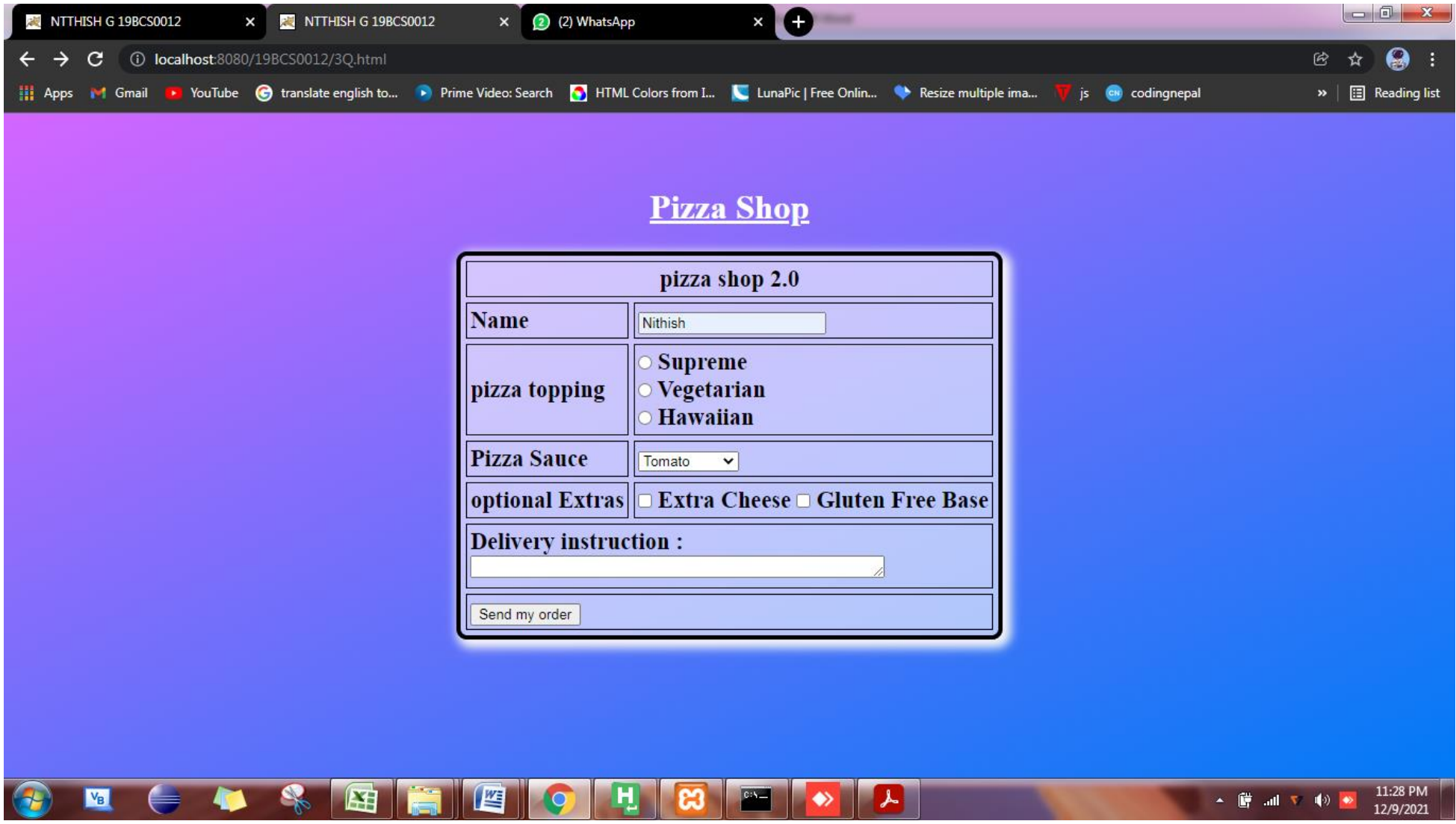
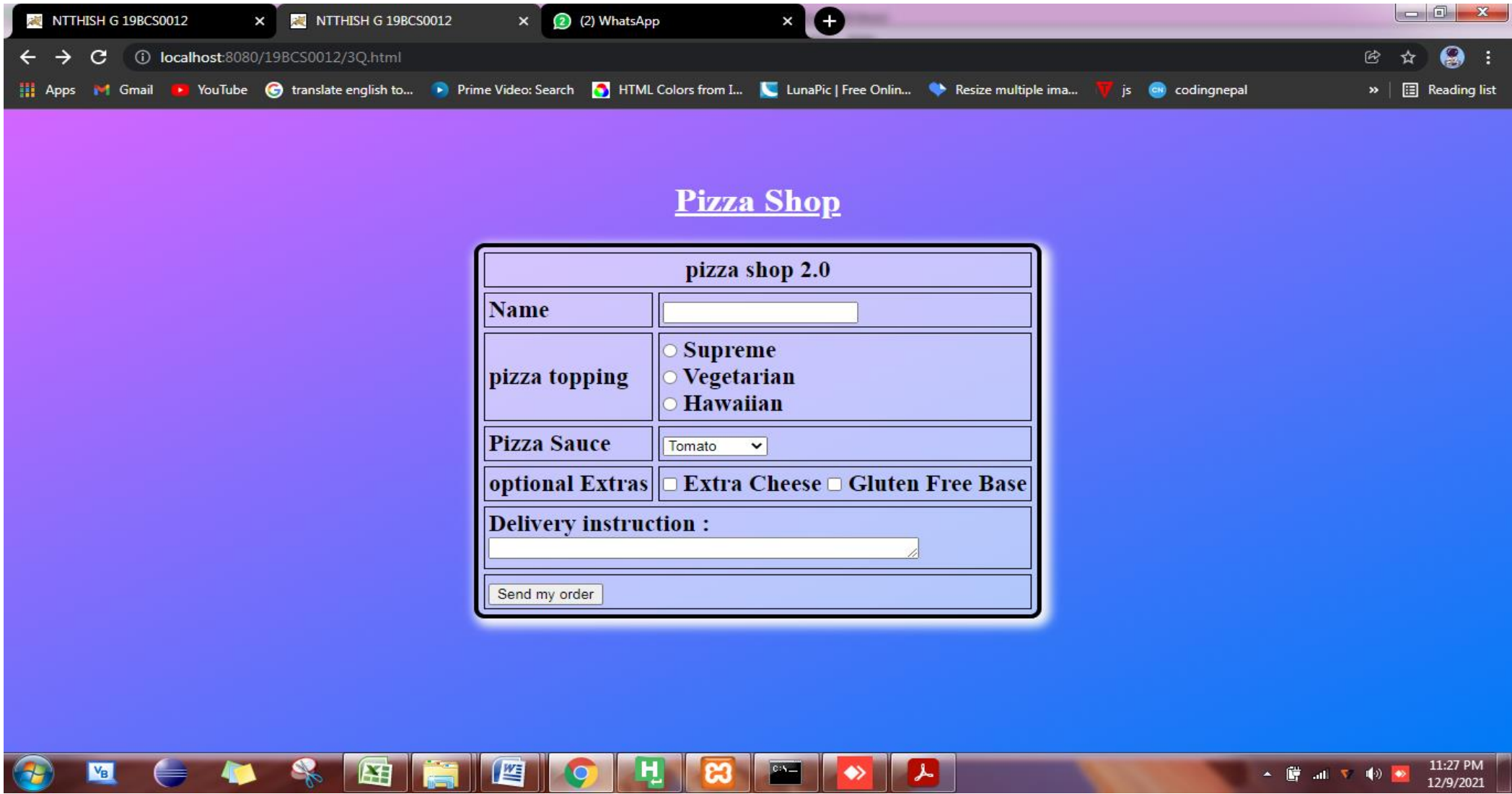
    border : 2px solid white;

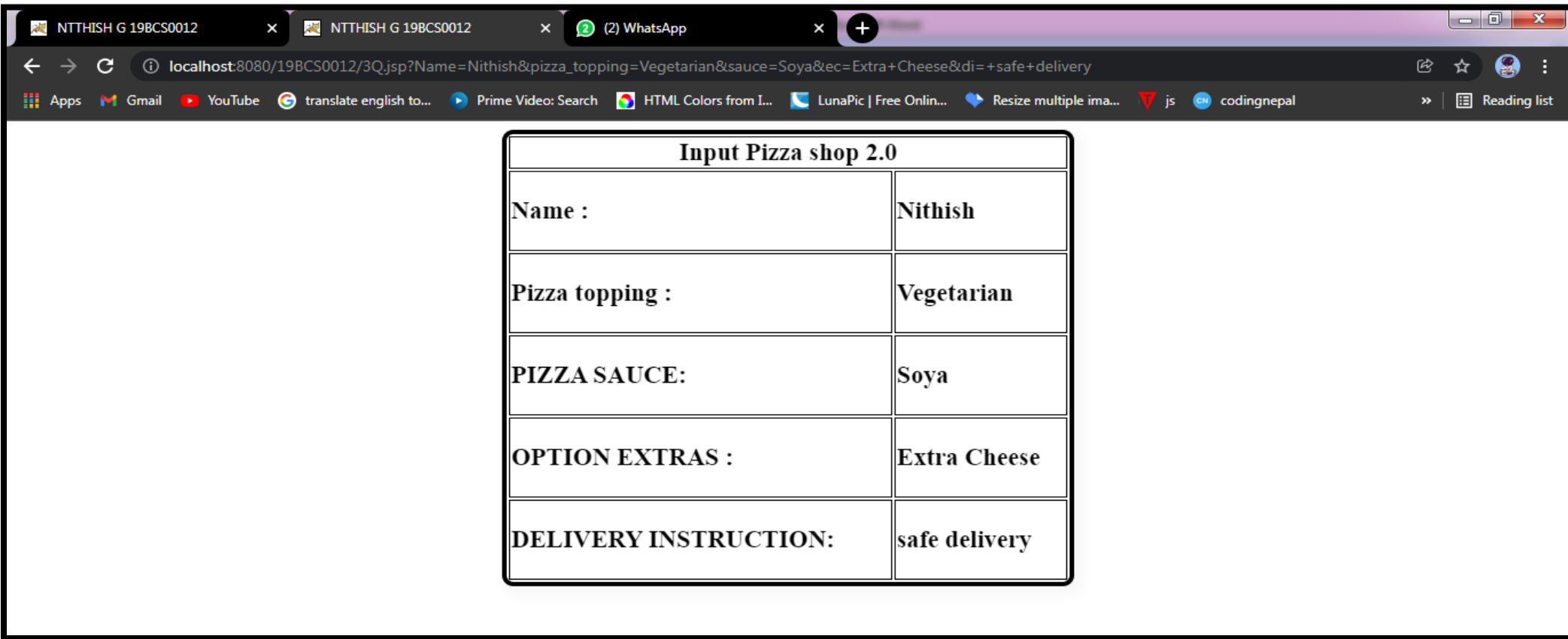
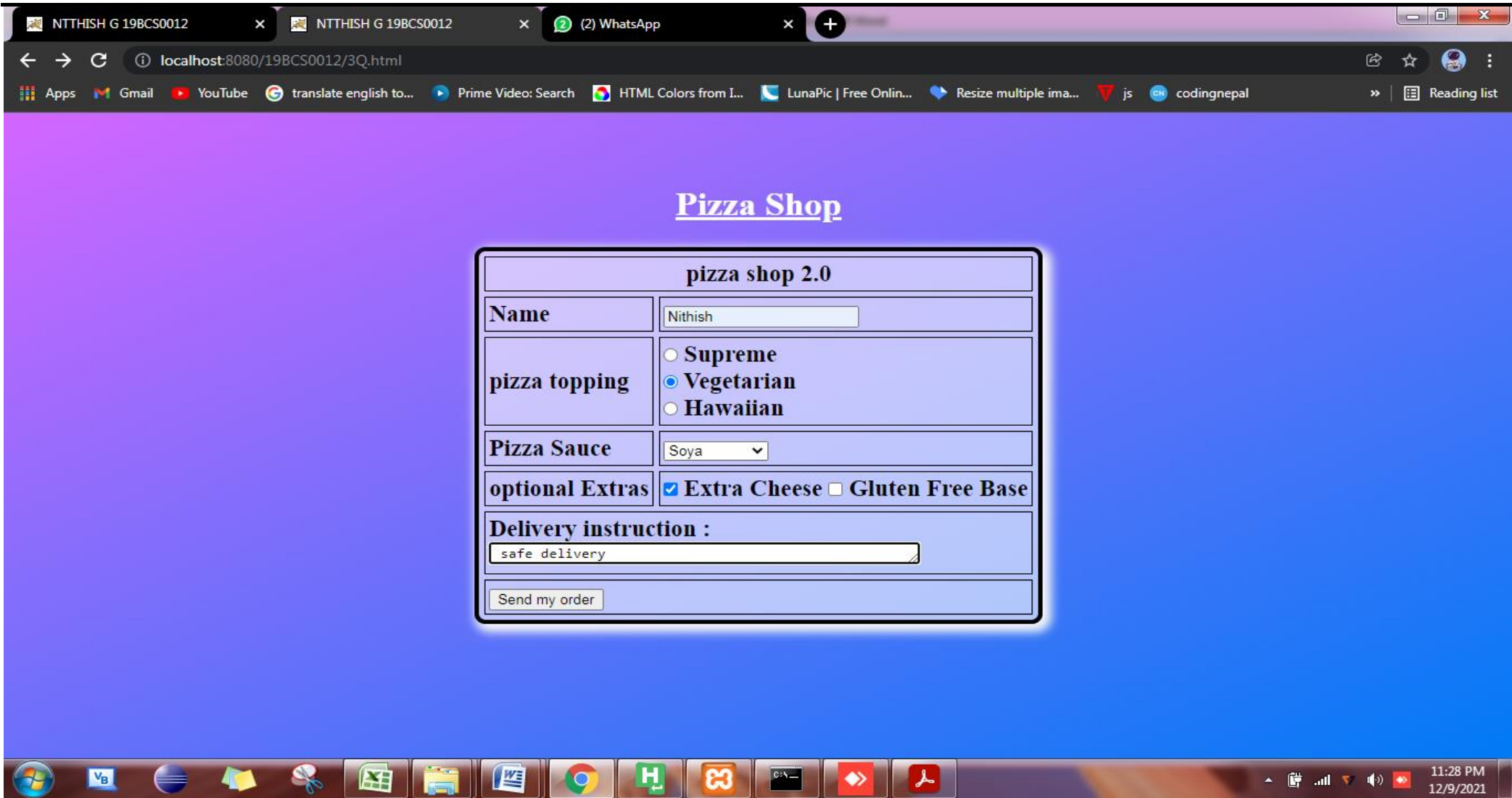
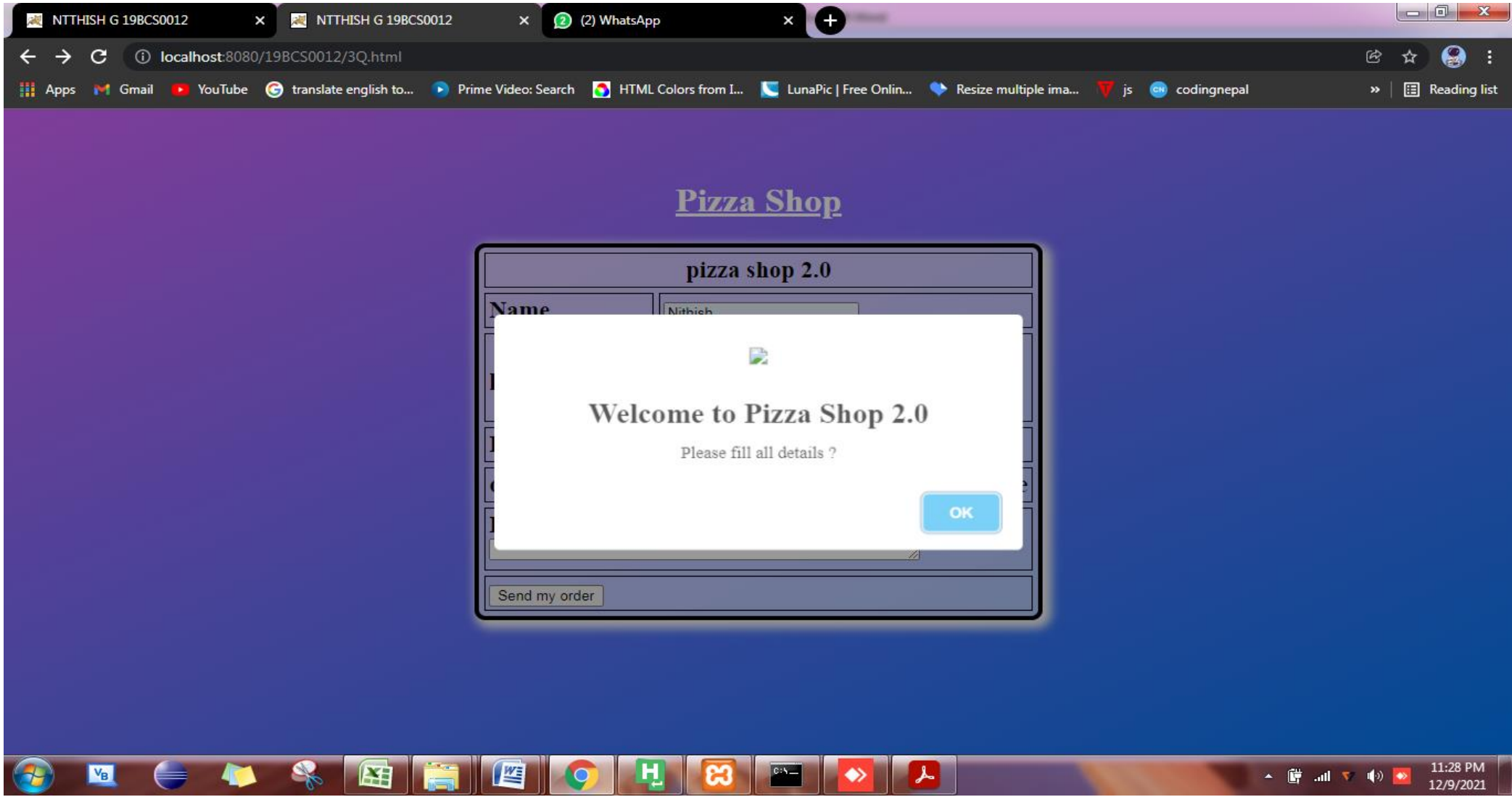
}
```

3. Design the HTML form. Using JavaScript, validate all the form elements have value. UsingJSP, send the order to server and it responses all the values in table format.

Pizza Shop 2.0	
Name	<input type="text"/>
Pizza Topping	<div><input type="radio"/> Supreme</div> <div><input type="radio"/> Vegetarian</div> <div><input type="radio"/> Hawaiian</div>
Pizza Sauce	<div>Tomato</div>
Optional Extras	<div><input type="checkbox"/> Extra Cheese</div> <div><input type="checkbox"/> Gluten Free Base</div>
Delivery Instructions:	
<div></div>	
<div>Send my Order</div>	

OUTPUT





SOURCE CODE:

```
<!DOCTYPE HTML>
<html>

<head>
  <script src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
<title> NTTHISH G 19BCS0012</title>
  <style type="text/css">
    *{
      margin: 0;

    }

    table{
```

```
background-color: rgba(255,255,255,0.6);
border-radius: 10px;
border : 4px solid white;
background-clip: padding-box;
font-weight: bold;
font-size: 22px; ;
color: #000000;
box-shadow: 4px 4px 9px 4px #F7F7F7;
min-width: 500px;
}

td{
    min-width: 100px;
}

body{
    background-image: url(piztab.jpg);
    background-size: cover;
    background-repeat: no-repeat;
    display: flex;
    align-items: center;
    justify-content: center;
    height: 100vh;
    color: white;
    padding: 0;

    background-image: -webkit-linear-gradient(top left, #D466FF, #007AF5);
background-image: linear-gradient(to bottom right, #D466FF, #007AF5);

}

</style>
</head>

<body>
<h1 style="position: absolute; top: 70px; text-decoration : underline"> Pizza Shop</h1>
<form>
<table cellpadding="3" cellspacing="5" border="3" style=" border-color: black;min-height: 150px; min-width: 150px;" >
    <tr>
        <th colspan="2"> pizza shop 2.0</th>
    </tr>

    <tr>
        <td>Name</td>
        <td><input name="Name" id= "name" type="text" /> </td>
    </tr>
    <tr>
        <td> pizza topping</td>
        <td> <div>
            <input type="radio" name= "pizza_topping" id ="supreme" value = "Supreme"/>
            <label for="supreme">Supreme</label>                <br>
            <input type="radio" name ="pizza_topping" id ="Vegetarian" value = "Vegetarian"/>
            <label for="Vegetarian">Vegetarian</label>        <br>
            <input type="radio" name ="pizza_topping" id ="Hawaiian" value = "Hawaiian"/>
            <label for="Hawaiian">Hawaiian</label>
        </div></td>
    </tr>
    <tr>
        <td>Pizza Sauce</td>
        <td>

            <select name = "sauce" id ="Pizza Sauce" >
                <option value = "Tomato">Tomato</option>
                <option value="Soya">Soya</option>
                <option value="Green chilly">Green chilly</option>
            </select>

        </td>
    </tr>

    <tr> <td>optional Extras </td>
        <td>
            <input name="ec" id="ec" type="checkbox" value="Extra Cheese" /> Extra Cheese
```

```

        <input name ="gf" id="gf" type="checkbox" value="Gluten Free Base" /> Gluten Free Base
    </td>

</tr>

<tr>

    <td colspan="2">Delivery instruction :<br>
<textarea id="di" name="di" cols="50" rows="1" style=" position: relative; "> </textarea>

    </td>

</tr>

<tr>

    <td colspan="2">

        <input id="sub" type="button"  onclick="validate();" value="Send my order" />

    </td>

</tr>

</table>

</form>
```

```

<script>

function validate()
{

    var name = document.getElementById('name');
    var radio = document.getElementsByName('input');
    var ps = document.getElementById('Pizza Sauce');
    var ec = document.getElementById('ec');
    var gf = document.getElementById('gf');
    var di = document.getElementById('di');

    if(name.value && (radio[1].checked || radio[2].checked || radio[3].checked )
        && ps.value && (ec.value || gf.value ) && di.value)
    {
        var fom = document.getElementsByTagName('form')[0];
        fom.setAttribute("action","3Q.jsp");
        var sub = document.getElementById('sub');
        sub.setAttribute("type","submit");

    }
    else
    {
        swal("Welcome to Pizza Shop 2.0", " Please fill all details ","Error");
    }

}

</script>

</body>

</html>
```

JSP

```

<!DOCTYPE HTML>

<html>

<head>

    <title> NTTHISH G 19BCS0012</title>

    <style type="text/css">

        table{

            top: 17px;
```

```
        background-color: rgba(255,255,255,0.6);

        backdrop-filter:blur(3px);

        border-radius: 10px;

        border : 4px solid Black;

        background-clip: padding-box;

        font-weight: bold;

        font-size: 22px; ;

        color: #000000;

        box-shadow: 4px 4px 9px 4px #F7F7F7;

        min-width: 500px;

    }

    td{

        min-width: 100px;

    }


body{

    background-image: url(piztab.jpg);

    background-size: cover;

    background-repeat: no-repeat;

    display: flex;

    justify-content: space-around;

}

</style>
</head>
<body>

<table border="1" >

    <tr>

        <th colspan="2">Input Pizza shop 2.0</th>

    </tr>

    <tr>

        <td> Name : </td>

        <td> <p><%= request.getParameter("Name") %></p> </td>

    </tr>

    <tr>

        <td> Pizza topping : </td>

        <td> <p><%= request.getParameter("pizza_topping") %></p> </td>

    </tr>

    <tr>

        <td> PIZZA SAUCE: </td>

        <td> <p><%= request.getParameter("sauce") %></p> </td>

    </tr>

    <tr>

        <td> OPTION EXTRAS : </td>
```



```
<td> <p><%= request.getParameter("ec") %></p> </td>

</tr>

<tr>

<td> DELIVERY INSTRUCTION: </td>

<td> <p><%= request.getParameter("di") %></p> </td>

</tr>

</table>

</body>

</html>
```

4. Design and validate the given form elements.

Personal Information

First Name

Last Name

Gender

Nationality

Address

Female

Male

Canadian

Medical History

Smallpox

Mumps

Dizziness

Sneezing

Current Medication:

Are you currently taking any medication?

Yes

No

If you are currently taking medication, please indicate it in the space below:

Submit

Reset

OUTPUT

Personal Information

First name :

Last name :

Gender :

Female

Male

Nationalty :

India

Address :

Medical History

Smallpox

Mumps

Dizziness

Sneezing

Current Medication:

Are you currently taking any medication?

Yes

No

If you are currently taking medication, please indicate it in given space below:

submit

reset

Personal Information

First name : Nithish

Last name : G

Gender :

Female

Male

Nationalty :

India

Address : 43, pillayarkoil street, katpadi, 632555

Medical History

Smallpox

Mumps

Dizziness

Sneezing

Current Medication:

Are you currently taking any medication?

Yes

No

If you are currently taking medication, please indicate it in given space below:

submit

reset

This page says

Nithish

OK

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
G

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

43,pillayarkoil street,
katpadi,632555

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
Male

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

43,pillayarkoil street,
katpadi,632555

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
India

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

43,pillayarkoil street,
katpadi,632555

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
43,pillayarkoil street, katpadi,632555

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
Dizziness

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

regex x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x NTTH x PIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

Apps Gmail YouTube translate english to... Prime Video

This page says
kasdjfkaljsd asldkfjalskdjf ksjdfkajsdfkla sd laskdfj

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

43,pillayarkoil street,
katpadi,632555

Address :

Medical History

☐ Smallpox ☐ Mumps ☒ Dizziness ☐ Sneezing

Current Medication

Are you currently taking any medication? ☒ Yes ☐ No

If you are currently taking medication, please indicate it in given space below:

kasdjfkaljsd asldkfjalskdjf ksjdfkajsdfkla sd laskdfj

submit reset

regex xNTTH xNTTH xNTTH xNTTH xNTTH xNTTH xNTTH xNTTH xNTTH xPIZZA x

File | E:/19BCS0012_NITHISH_G/LAB%20XML/3Q.html

AppsGmailYouTubetranslate english to...Prime Vi...multiple ima...jscodingnepalReading list

Personal Information

First name : Nithish

Last name : G

Gender : ☐ Female ☒ Male

Nationalty : India

Address : 43,pillayarkoil street, katpadi, 632555

Medical History

☐ Smallpox ☐ Mumps ☒ Dizziness ☐ Sneezing

Current Medication

Are you currently taking any medication? ☒ Yes ☐ No

If you are currently taking medication, please indicate it in given space below:

submit

reset

This page says

Fill the Current medication

OK

SOURCE CODE

```
<!DOCTYPE HTML>

<html>

<head>
  <title> NTTHISH G 19BCS0012 3rd Question</title>
</head>

<script>

function validate()
{
  var input = document.getElementsByTagName('input');

  var regex1 = /^\\w{1,50}$/;

  if(regex1.test(input[0].value))
  {   alert(input[0].value);  } else{alert('Enter First Name!')}

  if(regex1.test(input[1].value))
  {   alert(input[1].value);  } else{alert('Enter Last Name!')}

  var gender = document.getElementsByName('gender');
  if(gender[0].checked || gender[1].checked)
  {
    if(gender[0].checked)
    { alert(gender[0].value);}
    else{
      alert(gender[1].value);  }
  }
  else{alert('Choose Your Gender')}

  var national = document.getElementsByTagName('select')[0];

  if(national.value)
  {
    alert(national.value);
  }
  else{alert('choose nationality');}

  var address = document.getElementsByTagName('textarea')[0];
  regex1 = /^\\w/;
  if(regex1.test(address.value))
  {
    alert(address.value);
  }else{alert('Fill the address!')}

  for(var i=4;i<=7 ; i++)
  {
    if(input[i].checked)
    {
      alert(input[i].value);

    }
  }
}

var current_med = document.getElementsByTagName('textarea')[1];
regex1 = /^\\w/;

if(input[8].checked)
```

```
{
  if(regex1.test(current_med.value) )
  {
    alert(current_med.value);
  }
  else
  {
    alert('Fill the Current medication');
  }
}
else if(regex1.test(current_med.value)==true && (input[8].checked== false || input[9].checked== true ) )
{
  alert('Click Yes : Are you currently taking any medication? ');
}
```

```
}
</script>
```

```
<body>
```

```
<form>
```

```
  <fieldset>
```

```
    <legend>Personal Information</legend>
```

```
    First name : <input type="text">  <br><br>
    Last name : <input type="text" />  <br><br>
    Gender : <input type="radio" name="gender" value="Female" /> Female <input type="radio" name="gender" value="Male" />
    Male<br><br>
```

```
    Nationalty :
    <select>
      <option>India</option>
      <option>America</option>
      <option>Canada</option>
    </select>      <br><br>
    Address : <textarea name=" " id="" cols="30" rows="3" maxlength="300" ></textarea>
```

```
  </fieldset>
```

```
  <fieldset>
```

```
    <legend>Medical History</legend>
```

```
    <input type="checkbox" value="Smallpox" />Smallpox
    <input type="checkbox" value="Mumps"/>Mumps
    <input type="checkbox" value="Dizziness" />Dizziness
    <input type="checkbox" value="Sneezing"/>Sneezing
```

```
  </fieldset>
```

```
  <fieldset>
```

```
    <legend>Current Medication</legend>
```

```
    Are you currently taking any medication?
    <input type="radio" name ="medication"/>Yes
    <input type="radio" name ="medication"/>No                                <br>
    If you are currently taking medication, please indicate it in given space below:  <br>
    <textarea name="" id="" cols="50" rows="10"></textarea>
```

```
  </fieldset>
```

```
</form>
```

```
<input type="button" value="submit" onclick="validate();">
<input type="button" value="reset"/>
```

```
</body>
```

```
</html>
```

5.

Using MYSQL, create a table ‘Customer’ to store customer information such as Customer ID, Name, Address, Mobile No, Product name, Product price, date-of- purchase (DOP).

- 1. To set the related constraints for all the fields except ‘Address’ field.
- 2. To insert the minimum 5 records.
- 3. To display all the records.
- 4. To display all the records ordered by Customer ID.
- 5. To display the records those who bought the particular product.
- 6. To update the particular customer mobile number.
- 7. To delete the records of missing ‘address’ field.
- 8. To find the phone number for the particular customer.
- 9. To display all the records in descending order by DOP
- 10. To display the expensive product name and its price.
- 11. To calculate the total sales.
- 12. To display the number of records in a table
- 13. To display the description the table

QUERIES

```
CREATE TABLE Customer (  
    Customer_Id INT PRIMARY KEY AUTO_INCREMENT,  
    Name VARCHAR(20) DEFAULT 'Undefined',  
    Address VARCHAR(50),  
    Mobile_No BIGINT,  
    Product_name VARCHAR(20) NOT NULL,  
    Product_price DECIMAL(8,2) NOT NULL,  
    DOP DATE NOT NULL  
);
```

```
DESCRIBE Customer;
```

```
SELECT * FROM Customer;
```

```
INSERT INTO Customer(Name,Address,Mobile_No,Product_name,Product_price,DOP) VALUES('Nithish','12 street 01 ,Katpadi, vellore','9797884644','Mobile',23000,'2022/06/04');
```

```
INSERT INTO Customer(Name,Address,Mobile_No,Product_name,Product_price,DOP) VALUES('ram', '13 street 02 cross 3 ,anna nagar ,chennai', '9797884645', 'laptop', '50000', '2021/05/12');
```

```
INSERT INTO Customer(Name,Mobile_No,Product_name,Product_price,DOP) VALUES('Edwin', '9797884646', 'speaker', '5200', '2021/3/15');
```

```
INSERT INTO Customer(Name,Address,Mobile_No,Product_name,Product_price,DOP) VALUES('krish', '15 street 04 cross 5 gudiyatham ,chennai', '9797884647', 'Air Conditioner', '3000', '2021/3/19');
```

```
INSERT INTO Customer(Name,Address,Mobile_No,Product_name,Product_price,DOP) VALUES('suresh', '17 street 06 cross 7 kuppam ,mumbai', '9797884649', 'Mobile', '12000', '2021/06/01');
```

```
SELECT * FROM Customer ORDER BY Customer_Id;
```

```
SELECT * FROM Customer  
WHERE Product_name = 'Mobile';
```

```
UPDATE Customer SET Mobile_No = 7789452410 WHERE Name = 'Nithish';
```

```
DELETE FROM Customer WHERE Address IS NULL;
```

```
SELECT Mobile_No FROM Customer WHERE Customer_Id = 1;
```

```
SELECT * FROM Customer ORDER BY DOP DESC;
```

```
SELECT Product_Name,Product_Price FROM Customer

WHERE Product_Price IN (

    SELECT MAX(Product_Price) FROM Customer

);
```

```
SELECT SUM(Product_Price) AS "Total Sales"

FROM Customer;
```

```
SELECT COUNT(*) AS "Total No of Records"

FROM Customer ;
```

```
DESCRIBE Customer;
```

```
SELECT * FROM Customer WHERE Product_Name LIKE 'A%';
```

Output

CUSTOMER DETAILS

7 rows at 10:43 PM

Search results...

	Field	Type	Null	Key	Default	Extra
	Customer_Id	int(11)	YES		NULL	
	Name	varchar(20)	YES		NULL	
	Address	varchar(30)	YES		NULL	
	Mobile_No	bigint(20)	YES		NULL	
	Product_name	varchar(20)	YES		NULL	
	Product_price	decimal(8,2)	YES		NULL	
	DOP	date	YES		NULL	

CUSTOMER DETAILS

7 rows at 10:44 PM

SQL

Search results...

	Field	Type	Null	Key	Default	Extra
	Customer_Id	int(11)	NO	PRI	NULL	auto_increment
	Name	varchar(20)	YES		Undefined	
	Address	varchar(30)	YES		NULL	
	Mobile_No	bigint(20)	YES		NULL	
	Product_name	varchar(20)	NO		NULL	
	Product_price	decimal(8,2)	NO		NULL	
	DOP	date	NO		NULL	

CUSTOMER DETAILS

5 rows at 10:58 PM

SQLDataChart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	9797884644	Mobile	23000.00	2022-06-04
	2	ram	13 street 02 cross 3 ,anna nagar ,chennai	9797884645	laptop	50000.00	2021-05-12
	3	Edwin	NULL	9797884646	speaker	5200.00	2021-03-15
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01



CUSTOMER DETAILS

5 rows at 10:58 PM

SQL

Data

Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	9797884644	Mobile	23000.00	2022-06-04
	2	ram	13 street 02 cross 3 ,anna nagar ,chennai	9797884645	laptop	50000.00	2021-05-12
	3	Edwin	NULL	9797884646	speaker	5200.00	2021-03-15
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01



CUSTOMER DETAILS

2 rows at 10:59 PM

SQL

Data

Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	9797884644	Mobile	23000.00	2022-06-04
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01



CUSTOMER DETAILS

5 rows at 11:00 PM

SQL

Data

Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	7789452410	Mobile	23000.00	2022-06-04
	2	ram	13 street 02 cross 3 ,anna nagar ,chennai	9797884645	laptop	50000.00	2021-05-12
	3	Edwin	NULL	9797884646	speaker	5200.00	2021-03-15
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01



CUSTOMER DETAILS

4 rows at 11:00 PM

SQL

Data


Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	7789452410	Mobile	23000.00	2022-06-04
	2	ram	13 street 02 cross 3 ,anna nagar ,chennai	9797884645	laptop	50000.00	2021-05-12
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01

CUSTOMER DETAILS



Success (1 row)  0.9 s

11:03 PM

Explore

SQL

Data

Chart

Export

Mobile_No

7789452410



CUSTOMER DETAILS


4 rows at 11:04 PM

SQL

Data

Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	1	Nithish	12 street 01 ,Katpadi, vellore	7789452410	Mobile	23000.00	2022-06-04
	5	suresh	17 street 06 cross 7 kuppam ,mumbai	9797884649	Mobile	12000.00	2021-06-01
	2	ram	13 street 02 cross 3 ,anna nagar ,chennai	9797884645	laptop	50000.00	2021-05-12
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19

CUSTOMER DETAILS



Success (1 row)  0.9 s

11:05 PM

Explore

SQL

Data

Chart

Export

Product_Name


Product_Price

laptop

50000.00

CUSTOMER DETAILS



Success (1 row)  0.8 s

11:05 PM

Explore

SQL

Data

Chart

Export

Total Sales

88000.00

CUSTOMER DETAILS

Success (1 row) 0.7 s11:05 PM

Explore

SQL

Data

Chart

Export

Total No of Records

4

CUSTOMER DETAILS

7 rows at 11:05 PM

SQL

Dat

Search results...

	Field	Type	Null	Key	Default	Extra
	Customer_Id	int(11)	NO	PRI	NULL	auto_increment
	Name	varchar(20)	YES		Undefined	
	Address	varchar(50)	YES		NULL	
	Mobile_No	bigint(20)	YES		NULL	
	Product_name	varchar(20)	NO		NULL	
	Product_price	decimal(8,2)	NO		NULL	
	DOP	date	NO		NULL	

CUSTOMER DETAILS

1 rows at 11:12 PM

SQL

Data

Chart

Search results...

	Customer_Id	Name	Address	Mobile_No	Product_name	Product_price	DOP
	4	krish	15 street 04 cross 5 gudiyatham ,chennai	9797884647	Air Conditioner	3000.00	2021-03-19

6. Create a MYSQL table for Question 4 and display the records.

DROP TABLE Medical_Check;

```
CREATE TABLE Medical_Check(  
  f_name VARCHAR(50) NOT NULL,  
  l_name VARCHAR(50) NOT NULL,  
  gender ENUM('Male','Female') NOT NULL,  
  nationality ENUM('Canadian','Korean','Indian','Italian') NOT NULL,  
  addr VARCHAR(300) NOT NULL,  
  med_history ENUM('Smallpox','Mumps','Dizziness','Sneezing') NOT NULL,  
  curr_medication ENUM('Yes','No') NOT NULL,  
  indicate_med_info VARCHAR(200) DEFAULT 'Undefined'  
);
```

DESCRIBE Medical_Check;

SELECT * FROM Medical_Check;

```
INSERT INTO Medical_Check VALUES('Ramesh','A','Male','Indian','24, greenturn road,  
vellore','Sneezing','Yes','Prescribed Medicines: cetirizine');
```

```
INSERT INTO Medical_Check(f_name,l_name,gender,nationality,addr,med_history,curr_medication)  
VALUES('Edwin','k','Male','Canadian','34/8, gloden park, whitetown','Dizziness','No');
```

```
INSERT INTO Medical_Check VALUES('Ramesh','A','Male','Indian','42, mil road,
gudiyathm','Sneezing','Yes',"Prescribed Medicines: Acetaminophen (Tylenol, others)");

INSERT INTO Medical_Check(f_name,l_name,gender,nationality,addr,med_history,curr_medication)
VALUES('jhoes','win','Male','korean','8, red cross, mallas','Dizziness','No');

INSERT INTO Medical_Check(f_name,l_name,gender,nationality,addr,med_history,curr_medication)
VALUES('Mitchell','Starc','Male','Italian','98, Shirley Street, australia','Dizziness','No');
```

OUTPUT

Search results...

	Field	Type	Null	Key	Default	Extra
	f_name	varchar(50)	NO		NULL	
↕	l_name	varchar(50)	NO		NULL	
	gender	enum('Male','Female')	NO		NULL	
	nationality	enum('Canadian','Korean','Indian','Italian')	NO		NULL	
	addr	varchar(300)	NO		NULL	
	med_history	enum('Smallpox','Mumps','Dizziness','Sneezing')	NO		NULL	
	curr_medication	enum('Yes','No')	NO		NULL	
	indicate_med_info	varchar(200)	YES		Undefined	

Search results...

	f_name	l_name	gender	nationality	addr	med_history	curr_medication	indicate_med_info
	Ramesh	A	Male	Indian	24, greenturn road, vellore	Sneezing	Yes	Prescribed Medicines: cetirizine
	Edwin	k	Male	Canadian	34/8, gloden park, whitetown	Dizziness	No	Undefined
↕	Ramesh	A	Male	Indian	42, mil road, gudiyathm	Sneezing	Yes	Prescribed Medicines: Acetaminophen (Tylenol, others)
	jhoes	win	Male	Korean	8, red cross, mallas	Dizziness	No	Undefined
	Mitchell	Starc	Male	Italian	98, Shirley Street, australia	Dizziness	No	Undefined