Name : G. Nithish

Reg No : 19BCS0012

Course : Open Source Programming

Slot : L+3 + L+4

Timing : 2:15 PM to 3:15 PM

Set : 1

Question:-

1) A) Develop a Php code for an online shopping website. The Page should list the categories of Product ....

B) write A PHP Program to print pattern

```
A
A B
A B C
A B C D
```
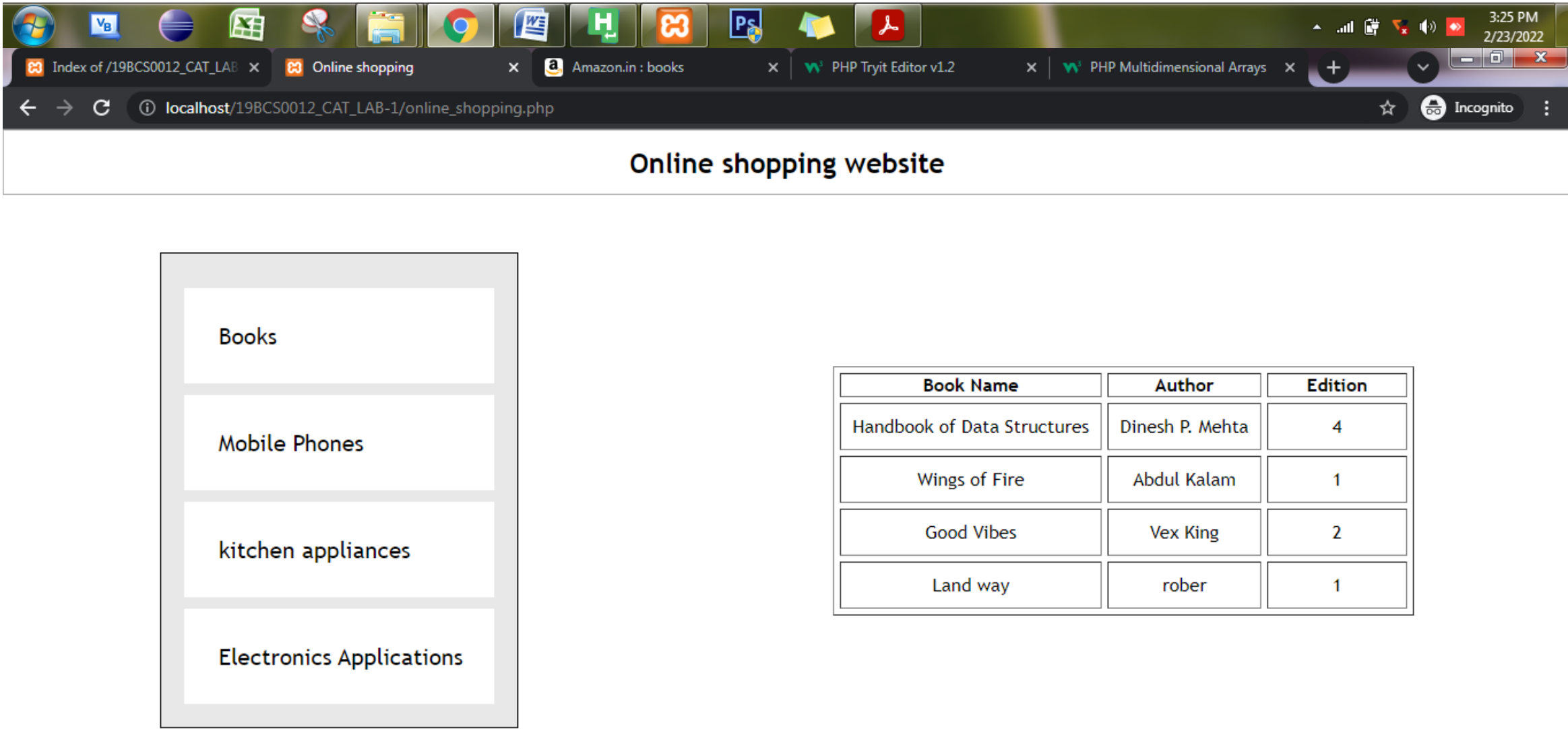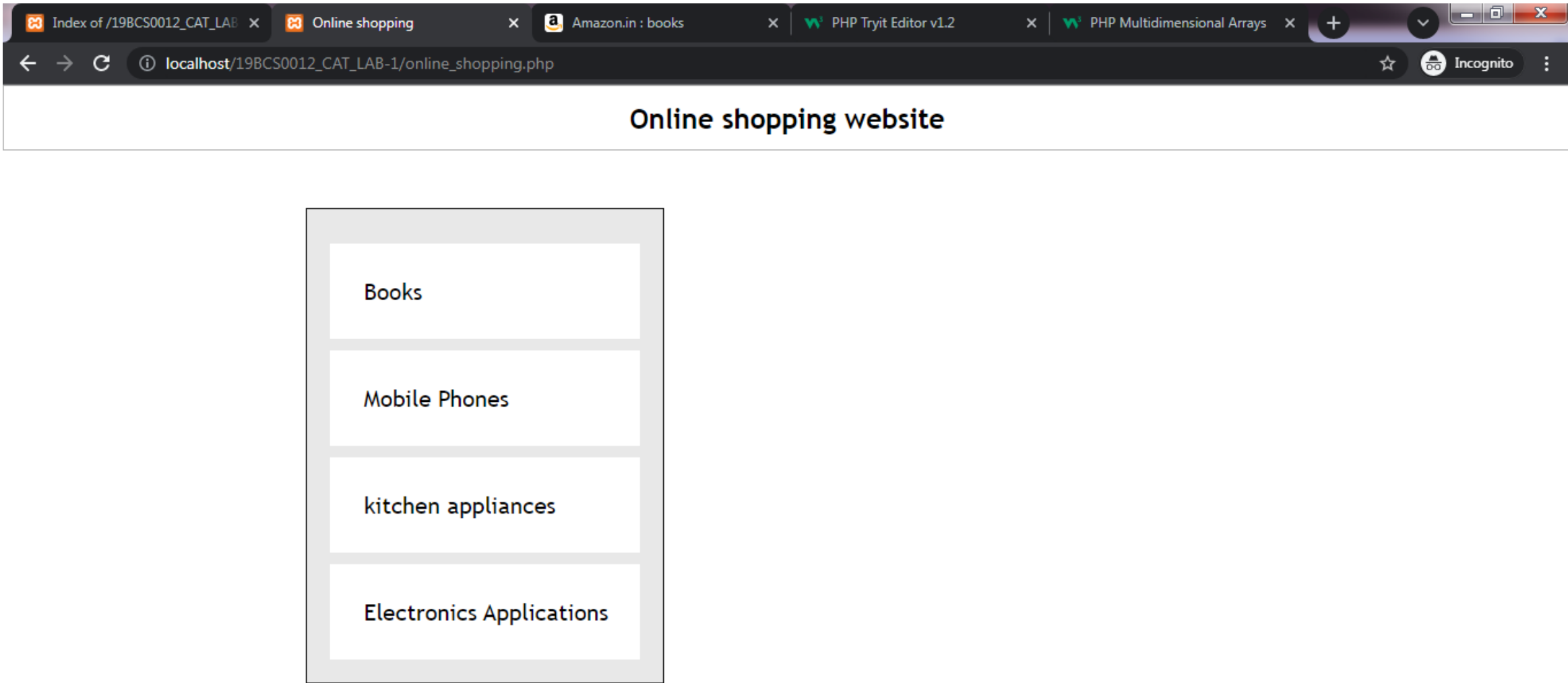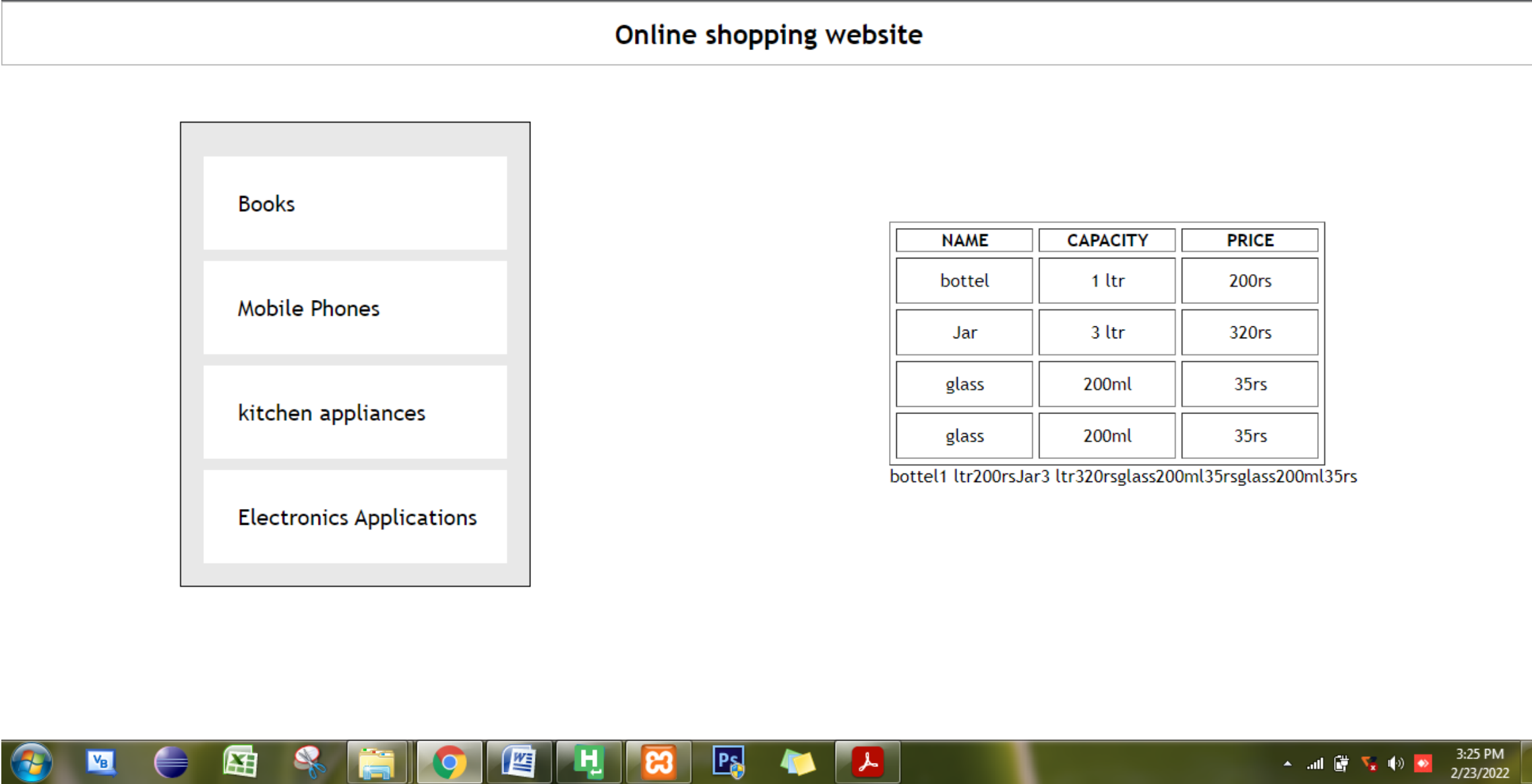
Signature

G. Nithish

1. A) Develop a PHP code for an online shopping website . The page should list the categories of products like books, mobile phones, kitchen appliances, electronic appliances etc., Whenever the user clicks a product, it should list the product details in a table format along with its description

OUTPUT

Book Name	Author	Edition
Handbook of Data Structures	Dinesh P. Mehta	4
Wings of Fire	Abdul Kalam	1
Good Vibes	Vex King	2
Land way	rober	1

Online shopping website

Books

Mobile Phones

kitchen appliances

Electronics Applications

Brand	Price	Ram
Redmi	10000	4gb
Iphone	105000	12gb
Moto	21000	6gb
Nokia	23000	8gb

Online shopping website

Books

Mobile Phones

kitchen appliances

Electronics Applications

NAME	CAPACITY	PRICE
bottel	1 ltr	200rs
Jar	3 ltr	320rs
glass	200ml	35rs
glass	200ml	35rs

bottel1 ltr200rsJar3 ltr320rsglass200ml35rsglass200ml35rs

Source code

PHP

```php
<!DOCTYPE HTML>

<html>

<head>
  <title>Online shopping</title>
  <link rel="stylesheet" href="shopping.css" type="text/css">
</head>

<body>

<nav>

<h1>Online shopping website</h1>

</nav>

<div class="container">
    <div class="ctg">

    <form action="<?php echo htmlentities($_SERVER['PHP_SELF']); ?>" method="post">
```

```php
        <input type="submit" name="book" value="Books"  />
        <input type="submit" name="ph" value="Mobile Phones"  />
        <input type="submit" name="kit_app" value="kitchen appliances"  />
        <input type="submit" name="Electronics_Applications" value="Electronics Applications" />

        </form>


        </div>

        <div class="display_cont">


        <?php if(isset($_POST['book']))
        {
            echo "<table border='1' cellspacing='5'>
            <tr>
                <th>Book Name</th>
                <th>Author</th>
                <th>Edition</th>
            </tr>";
            books();
            echo "</table>";
        }
        ?>

        <?php if(isset($_POST['ph']))
        {
            echo "<table border='1' cellspacing='5'>
            <tr>
                <th>Brand</th>
                <th>Price</th>
                <th>Ram</th>
            </tr>";
            mobile();
            echo "</table>";
        }
        ?>

            <?php if(isset($_POST['kit_app']))
        {
            echo "<table border='1' cellspacing='5'>
            <tr>
                <th>NAME</th>
                <th>CAPACITY</th>
                <th>PRICE</th>
            </tr>";
            kitchen();
            echo "</table>";
        }
        ?>
        <?php if(isset($_POST['kit_app'])){ kitchen();} ?>
        <?php if(isset($_POST['Electronics_Applications'])){ Electronics_Applications();} ?>


        </div>

</div>


        <?php
        function books()
        {


        $books = array (
        array("Handbook of Data Structures",' Dinesh P. Mehta',4),
        array("Wings of Fire",'Abdul Kalam',1),
        array("Good Vibes",'Vex King',2),
        array("Land way",'rober','1')
);

for ($row = 0; $row < 4; $row++) {

    echo "<tr>";
    for ($col = 0; $col < 3; $col++) {
        echo "<td>" .$books[$row][$col]."</td>";
    }
     echo "</tr>";

}
        }
```

```php
    ?>


    <?php
    function mobile()
    {


    $books = array (
    array("Redmi",10000,'4gb'),
    array("Iphone",105000,'12gb'),
    array("Moto",21000,'6gb'),
    array("Nokia",23000,'8gb'),
    array("Lava",15000,'4gb')
);

for ($row = 0; $row < 4; $row++) {

    echo "<tr>";
    for ($col = 0; $col < 3; $col++) {
        echo "<td>" .$books[$row][$col]."</td>";
    }
     echo "</tr>";

}
    }
    ?>


    <?php
    function kitchen()
    {


    $books = array (
    array("bottel",'1 ltr','200rs'),
    array("Jar",'3 ltr','320rs'),
    array("glass",'200ml','35rs'),
    array("glass",'200ml','35rs'),
);

for ($row = 0; $row < 4; $row++) {

    echo "<tr>";
    for ($col = 0; $col < 3; $col++) {
        echo "<td>" .$books[$row][$col]."</td>";
    }
     echo "</tr>";

}
    }
    ?>




</body>

</html>
```

CSS

```css
*{
    padding: 0;
  margin: 0;
  font-family: "Trebuchet MS", Helvetica, sans-serif;
}
nav{
    height: 55px;
    display: flex;
    justify-content: center;
    align-items: center;
    border: 1px solid #B0B0B0;
}

.container{
    display: flex;
    justify-content: space-around;
    align-items: center;
    padding-top: 50px;

}
.ctg{
    display: inline-block;
```

```css
    width: 270px;
    min-height: 300px;
    border: 1px solid black;
    background: #E8E8E8;
    padding: 20px;
}
.ctg input[type='submit']
{
    display: block;
    border: none;
    background: white;
    padding: 30px;
    width: 100%;
    text-align: left;
    margin-top: 10px;
    font-size: 20px;
}

.display_cont{


}
table td{
    text-align: center;
    min-width: 100px;
    padding: 10px;
}
```

B) write a PHP program to print the pattern

A
A B
A B C
A B C D

OUTPUT

localhost/19BCS0012_CAT_LAB-1/print_pattern.php

┌─ Print pattern ─────────────

Enter String
ABCD

Submit

A
AB
ABC
ABCD

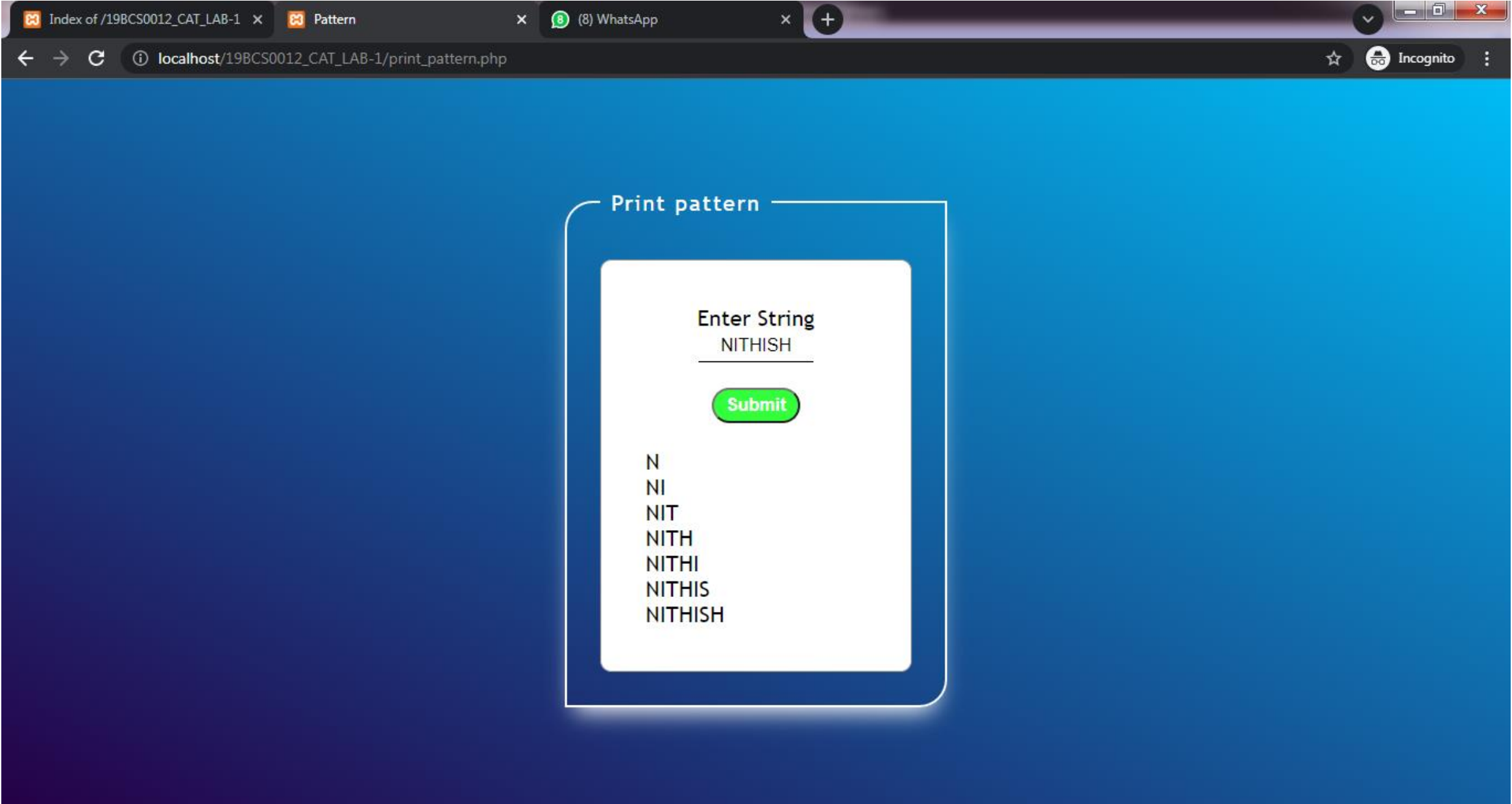## SOURCE CODE

```
<!DOCTYPE HTML>

<html>

<head>
  <title>Pattern</title>
    <link rel="stylesheet" href="style.css" />

    <style>


    </style>
</head>

<body>


<fieldset>
    <legend>Print pattern </legend>

    <div id='form_con' >

        <form action="<?php echo htmlentities($_SERVER['PHP_SELF']); ?>" method="post">


<center>

<div  style="width: 200px;">
Enter String
<input type="text" name="str" value="" style="width :100px; text-align: center" />
</div>

<br>

<input type="submit" name="submit" /> <br><br></center>


    <?php

    if(isset($_POST['submit']))
    {
    $str = $_POST['str'];

        for($i=0; $i<strlen($str); $i++){
          for($j=0; $j<=$i; $j++){
            echo $str[$j];
            }
            echo "<br>";
        }
```
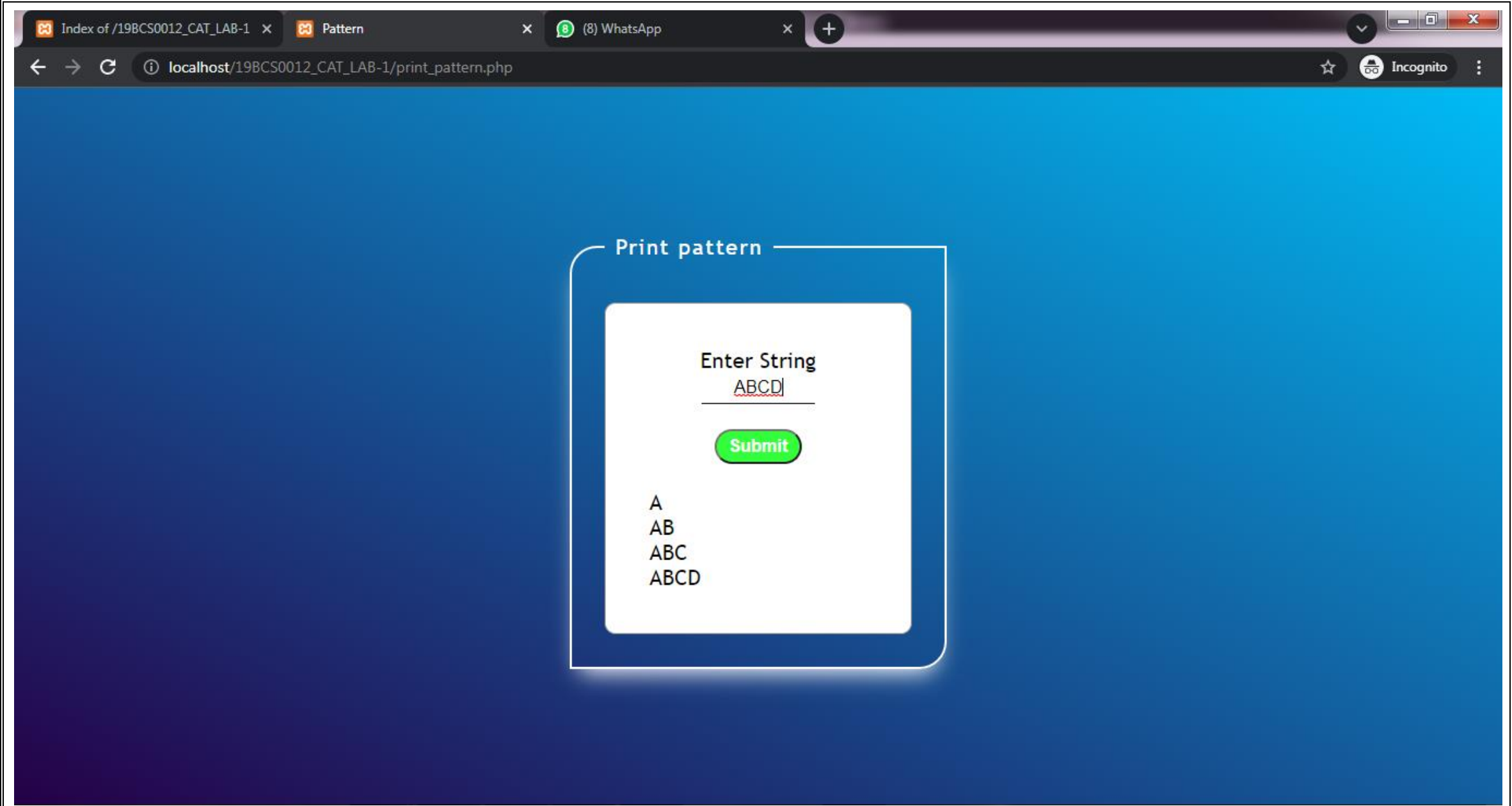
```
    }
    ?>



          </form>
      </div>

</fieldset>



</body>

</html>
```

THANK YOU MAM!