

Program-1

Online Book Store

Homepage.html

```
<html>
  <head>
    <title>Amazon BookStore</title>
  </head>
  <body bgcolor="#fffd0ff" text="#000000">
    <center>
      <h1>Welcome to Amazon BookStore</h1>
      <a href="catalog.html">Book catalog</a>
      <a href="payment.html">Payment Gateway</a>
      <a href="profile.html">User profile</a>
      <br />
      <br />
      <form method="post" action="login.html">
        for books <input type="submit" value="Click here" />
      </form>
    </center>
  </body>
</html>
```

Welcome to Amazon BookStore

[Book catalog](#) [Payment Gateway](#) [User profile](#)

for books

Login.html

```
<html>  
  <head>  
    <title>login</title>  
  </head>  
  <body bgcolor="#ff00ff" text="#000000">  
    <center>  
      <h1>AMAZON</h1>  
    </center>  
    <table align="center">  
      <tr>  
        <td><h4>user name</h4></td>  
        <td><input type="text" /></td>  
      </tr>  
      <tr>  
        <td><h4>password</h4></td>  
        <td><input type="password" /></td>  
      </tr>  
      <tr>  
        <td>  
          <form method="post" action="catalog.html">  
            <input type="submit" value="submit" />  
          </form>  
        </td>  
        <td>  
          <form method="post" action="register.html">  
            <input type="submit" value="register" />  
            &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
            <input type="reset" value="reset" />  
          </form>  
        </td>  
      </tr>  
    </table>  
  </body>  
</html>
```

AMAZON

user name

password

Register.html

```
<html>
  <head>
    <title>Registration</title>
  </head>
  <body bgcolor="#ffdd00" text="#000000">
    <center><h1>AMAZON</h1></center>
    <form method="post" action="catalog.html">
      <table align="center">
        <tr>
          <td><h4>user name</h4></td>
          <td><input type="text" /></td>
        </tr>

        <tr></tr>
        <tr>
          <td><h4>password</h4></td>
          <td><input type="password" /></td>
        </tr>
        <tr>
          <td><h4>confirm password</h4></td>
          <td><input type="password" /></td>
        </tr>
        <tr>
          <td>
            <h4>male</h4>
            &nbsp;&nbsp;&nbsp;<input type="radio" name="sex" id="male" />

```

```

        </td>
        <td>
            <h4>female</h4>
            &nbsp; &nbsp; <input type="radio" name="sex" id="female" />
        </td>
    </tr>
    <tr>
        <td><h4>Phone number</h4></td>
        <td><input type="tel" name="phone-number" /></td>
    </tr>
    <tr>
        <td><h4>Address</h4></td>
        <td><textarea name="address" rows="5" cols="19"> </textarea></td>
    </tr>
    <tr>
        <td>
            <input type="submit" value="submit" />
        </td>
        <td>
            <input type="reset" value="reset" />
        </td>
    </tr>
</table>
</form>
</body>
</html>

```

AMAZON

user name	<input type="text" value="Student"/>
password	<input type="password" value="....."/>
confirm password	<input type="password" value="....."/>
male	female
<input checked="" type="radio"/>	<input type="radio"/>
Phone number	<input type="text" value="9999999999"/>
Address	<div>Abids,Hyderabad, Telanagna</div>
<input type="button" value="submit"/>	<input type="button" value="reset"/>

Profile.html

```
<html>
  <head>
    <title>userprofile</title>
  </head>
  <body bgcolor="#ff00ff" text="#000000">
    <center>
      <h1>Welcome to AMAZON Online Book Store</h1>
      <h3>Edit your profile here...</h2>
    </center>

    <form method="post" action="catalog.html">
      <table align="center">
        <tr>
          <td><h4>Edit user name</h4></td>
          <td><input type="text" /></td>
        </tr>
        <tr>
          <td><h4>Edit password</h4></td>
          <td><input type="password" /></td>
        </tr>
        <tr>
          <td>
            <h4>Male</h4>
            &nbsp;&nbsp;&nbsp;<input type="radio" name="sex" id="male" />
          </td>
          <td>
            <h4>Female</h4>
            &nbsp;&nbsp;&nbsp;<input type="radio" name="sex" id="female" />
          </td>
        </tr>
        <tr>
          <td><h4>Edit Phone number</h4></td>
          <td><input type="tel" name="phone-number" /></td>
        </tr>
        <tr>
          <td>Edit Address</td>
          <td><textarea name="address" rows="5" cols="19"></textarea></td>
        </tr>
        <tr>
          <td><input type="submit" value="submit" /></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

Welcome to AMAZON Online Book Store

Edit your profile here...

Edit user name	<input type="text" value="Studentcse"/>
Edit password	<input type="password" value="....."/>
Male	Female
<input checked="" type="radio"/>	<input type="radio"/>
Edit Phone number	<input type="text" value="9999999999"/>
Edit Address	<input type="text" value="Kingditi road, abids,hyderabad,telangana"/>
<input type="button" value="submit"/>	

Catlog.html

```
<html>
  <head>
    <title>books catalog</title>
  </head>
  <body bgcolor="#ffd0ff" text="#000000">
    <center><h1>AMAZON</h1></center>
    <form method="post" action="shopping.html">
      <table>
        <tr>
          <td>
            <b><h3>frontend books</h3></b>
          </td>
        </tr>
        <tr>
          <td></td>
          <td><h4>HTML</h4></td>
        </tr>
        <tr>
          <td></td>
          <td><h4>CSS</h4></td>
        </tr>
        <tr>
          <td></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

```
        <td><h4>JavaScript</h4></td>
    </tr>
    <tr>
        <td>
            <b><h3>backend books</h3></b>
        </td>
        <td></td>
    </tr>
    <tr>
        <td></td>
        <td><h4>PHP</h4></td>
    </tr>
    <tr>
        <td></td>
        <td><h4>Java</h4></td>
    </tr>
    <tr>
        <td></td>
        <td><h4>MySql</h4></td>
    </tr>
</table>
<center>
    <b>To buy one of these books<br /></b>
    <input type="submit" value="click here" />
</center>
</form>
</body>
</html>
```

AMAZON

frontend books

HTML

CSS

JavaScript

backend books

PHP

Java

MySql

To buy one of these books

[click here](#)

Shopping.html

```
<html>
  <head>
    <title>shopping cart</title>
  </head>
  <body bgcolor="#ff00ff" text="#000000">
    <center><h1>Shopping Cart</h1></center>
    <br /><br /><br /><br /><br />
    <form method="post" action="payment.html">
      <table align="center">
        <tr>
          <td>Text Books</td>
          <td>
            <select>
              <optgroup label="select the book">
                <option value="HTML">HTML</option>
                <option value="CSS">CSS</option>
                <option value="JavaScript">JavaScript</option>
                <option value="PHP">PHP</option>
                <option value="Java">Java</option>
                <option value="MySql">MySql</option>
              </optgroup>
            </select>
          </td>
        </tr>
      </table>
    </form>
  </body>
</html>
```



```

        </td>
    </tr>
    <tr>
        <td>Quantity</td>
        <td>
            <input type="text" id="q" />
        </td>
    </tr>
    <tr>
        <td></td>
        <td>
            <input type="submit" value="ok" />
        </td>
    </tr>
</table>
</form>
<center>
    <pre>Cost of one book is "500" + shipping "100"</pre>
</center>
</body>
</html>

```

Shopping Cart

Text Books

Quantity

Cost of one book is "500" + shipping "100"

Payment.html

```
<html>
  <head>
    <title>payment</title>
  </head>
  <body bgcolor="#ffd0ff" text="#000000">
    <center><h1>Payment By Credit Card</h1></center>
    <form method="post" action="order.html">
      <br /><br /><br /><br /><br />
      <table align="center">
        <tr>
          <td><h4>Total Amount</h4></td>
          <td><input type="text" /></td>
        </tr>
        <tr>
          <td><h4>Credit Card Number</h4></td>
          <td><input type="text" /></td>
        </tr>
        <tr>
          <td></td>
          <td><input type="submit" value="OK" /></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

Payment By Credit Card

Total Amount	<input type="text" value="1000"/>
Credit Card Number	<input type="text" value="1234567890"/>
	<input type="button" value="OK"/>

Order.html

```
<html>
  <head>
    <title>order confirmation</title>
  </head>
  <body bgcolor="#ffd0ff" text="#000000">
    <center>
      <h1><b>BOOK SHOPPING</b></h1>
      <strong>Your order is confirmed</strong>
      <h2><b>THANK YOU</b></h2>
    </center>
  </body>
</html>
```

BOOK SHOPPING

Your order is confirmed

THANK YOU

Program-2

Validate Pages using JavaScript

Register.html

```
<html>
<head>
    <title>Registration</title>
</head>
<body bgcolor="#ff00ff" text="#000000">
    <br /><br /><br />
    <script>
        function validate() {
            var flag = 1;
            var username = document.myform.username.value;
            var password = document.myform.pwd.value;
            var confirmPassword = document.myform.repwd.value;
            var phone = document.myform.phone.value;
            var address = document.myform.address.value;
            if (username == "" || password == "" || confirmPassword == "" ||
phone == "" || address == "") {
                alert("Enter all the details");
                flag = 0;
            }
            if (password != confirmPassword) {
                alert("Passwords do not match");
                flag = 0;
            }
            var phonePattern = /^\d{10}$/;
            if (!phone.match(phonePattern)) {
                alert("Invalid phone number. It must be 10 digits.");
                flag = 0;
            }
            var usernamePattern = /^[a-zA-Z]+$/;
            if (!username.match(usernamePattern)) {
                alert("Invalid username. Only letters are allowed.");
                flag = 0;
            }
            var passwordPattern = /^[A-Z][a-zA-Z0-9]+$/;
            if (!password.match(passwordPattern)) {
                alert("Invalid password. It must start with an uppercase
letter followed by letters and digits.");
                flag = 0;
            }
            if (flag == 1) {
                alert("VALID INPUT");
                window.self.location.href = "catalog.html";
            }
        }
    </script>

```

[illegible]

username :

password :

confirm password :

Phone number :

Address :

This page says

VALID INPUT

password :

confirm password :

Phone number :

Address :

Login.html

```
<html>  
<head>
```

```
<title>Login Form</title></head><body bgcolor="#ff00ff" text="#000000"><br /><br /><br /><script>function validate() {var flag = 1;var username = document.myform.username.value;var password = document.myform.pwd.value;if (username == "" || password == "") {flag = 0;alert("Please enter both username and password.");}if (flag == 1) {alert("VALID INPUT");window.self.location.href = "catalog.html";} else {alert("INVALID INPUT");document.myform.username.focus();}}}</script><form name="myform"><div align="center"><pre>username : <input type="text" name="username"><br>password : <input type="password" name="pwd"><br></pre></div><div align="center"><input type="button" value="ok" onClick="validate()" />&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="reset" value="clear" /></div></form></body></html>
```

username :

password :

This page says
VALID INPUT

password :

Payment.html

```
<html>
<head>
  <title>Payment</title>
</head>
<body bgcolor="#ffd0ff" text="#000000">
  <br /><br /><br />
  <script>
    function validate() {
```



```
var flag = 1;
var username = document.myform.username.value;
var pwd = document.myform.pwd.value;
var amount = document.myform.amount.value;
var card = document.myform.card.value;
if (username == "" || pwd == "" || amount == "" || card == "") {
    flag = 0;
}
var amountPattern = /^\\d+$/;
if (!amount.match(amountPattern)) {
    flag = 0;
}
if (flag == 1) {
    alert("VALID INPUT");
    window.self.location.href = "order.html";
} else {
    alert("INVALID INPUT");
    document.myform.username.focus();
}
}
```

```
</script>
<form name="myform">
  <div align="center">
    <pre>
      USERNAME: <input type="text" name="username"><br>
      PASSWORD: <input type="password" name="pwd"><br>
      AMOUNT: <input type="text" name="amount"><br>
CREDIT CARD NUMBER : <input type="password" name="card"><br>
    </pre>
  </div>
  <br /><br />
  <div align="center">
    <input type="button" value="ok" onClick="validate()">
  
  

    <input type="reset" value="clear">
  </div>
</form>
</body>
</html>
```

USERNAME:

PASSWORD:

AMOUNT:

CREDIT CARD NUMBER :

This page says
VALID INPUT

PASSWORD:

AMOUNT:

CREDIT CARD NUMBER :

Profile.html

```
<html>
<head>
  <title>Form Validation</title>
</head>
<body bgcolor="#ff00ff" text="#000000">
  <br /><br />
  <h3><center>Edit your profile here...</center></h3>
</body>
</html>
```

```

<br />
<script>
    function validate() {
        var flag = 1;
        var username = document.myform.username.value;
        var password = document.myform.pwd.value;
        var phone = document.myform.phone.value;
        var address = document.myform.address.value;

        if (username == "" || password == "" || phone == "" || address ==
"" ) {

            alert("Enter all the details");
            flag = 0;
            return;
        }
        var phonePattern = /^d{10}$/;
        if (!phone.match(phonePattern)) {
            flag = 0;
            alert("Invalid phone number. It must be 10 digits.");
        }
        var usernamePattern = /^[a-zA-Z]+$/;
        if (!username.match(usernamePattern)) {
            flag = 0;
            alert("Invalid username. Only letters are allowed.");
        }
        var passwordPattern = /^[A-Z][a-zA-Z1-9]+$/;
        if (!password.match(passwordPattern)) {
            flag = 0;
            alert("Invalid password. It must start with an uppercase
letter followed by letters and digits.");
        }
        if (flag == 1) {
            alert("VALID INPUT");
            window.self.location.href = "catalog.html";
        } else {
            alert("INVALID INPUT");
        }
    }
</script>
<form name="myform">
    <div align="center">
        <pre>
            Edit Username:<input type="text" name="username"><br>
            Edit Password:<input type="password" name="pwd"/><br>
            Edit Phone number:<input type="tel" name="phone" /><br>
            Edit Address:<textarea name="address" rows="5"
cols="19"></textarea><br>
        </pre>
    </div>

```

[illegible]

Edit your profile here...

Edit Username:

Studentcse

Edit Password:

••••••••

Edit Phone number:

9999999999

Edit Address:

500001,Abids,Hyderab
ad,Telanagana

ok

clear

This page says

VALID INPUT

OK

Edit Username:

Studentcse

Edit Password:

.....

Edit Phone number:

9999999999

Edit Address:

500001,Abids,Hyderabad,Telanagana

ok

clear

Program-3

XML document on the Server

Employees.html

```
<employees>
  <employee id="111">
    <firstName>Chandrika</firstName>
    <lastName>Gupta</lastName>
    <location>India</location>
  </employee>
  <employee id="222">
    <firstName>Srinivas</firstName>
    <lastName>Reddy</lastName>
    <location>Russia</location>
  </employee>
  <employee id="333">
    <firstName>Anupama</firstName>
    <lastName>P</lastName>
    <location>USA</location>
  </employee>
</employees>
```

```

</employee>
<employee id="444">
  <firstName>Lokesh</firstName>
  <lastName>Gupta</lastName>
  <location>India</location>
</employee>
<employee id="555">
  <firstName>Vishnu</firstName>
  <lastName>Gussin</lastName>
  <location>Russia</location>
</employee>
<employee id="666">
  <firstName>Veeru</firstName>
  <lastName>Feezor</lastName>
  <location>USA</location>
</employee>
<employee id="777">
  <firstName>Pavan</firstName>
  <lastName>Feezor</lastName>
  <location>USA</location>
</employee>
<employee id="888">
  <firstName>Narayana</firstName>
  <lastName>Gussin</lastName>
  <location>Russia</location>
</employee>
<employee id="999">
  <firstName>David</firstName>
  <lastName>Feezor</lastName>
  <location>USA</location>
</employee>
<employee id="1000">
  <firstName>Sunder</firstName>
  <lastName>Feezor</lastName>
  <location>USA</location>
</employee>
</employees>

```

ReadXML.java

```

import org.w3c.dom.*;
import javax.xml.parsers.*;
import java.io.*;
import java.util.Scanner;
public class ReadXML {

```

```

public static void main(String a[]) throws Exception{
    DocumentBuilderFactory factory =DocumentBuilderFactory.newInstance();
    DocumentBuilder builder = factory.newDocumentBuilder();
    //Build Document
    Document document = builder.parse(new File("E:/6th
sem/WT/employees.xml"));
    //Normalize the XML Structure; It's just too important !!
    document.getDocumentElement().normalize();
    //Here comes the root node
    Element root = document.getDocumentElement();
    //Get all employees
    NodeList nList = document.getElementsByTagName("employee");
    System.out.println("enter employee id:");
    Scanner s=new Scanner(System.in);
    String id=s.next();
    for (int temp = 0; temp <nList.getLength(); temp++)
    {
        Node node = nList.item(temp);
        if (node.getNodeType() == Node.ELEMENT_NODE)
        {
            Element eElement = (Element) node;
            if(eElement.getAttribute("id").equals(id)){
                System.out.println("First Name : "+
                    eElement.getElementsByTagName("firstName").item(0).getText
Content());
                System.out.println("Last Name:" +
                    eElement.getElementsByTagName("lastName").item(0).getTextC
ontent());
                System.out.println("Location:"
+eElement.getElementsByTagName("location").item(0).getTextContent());
            }
        }
    }
}

```

Output:

```

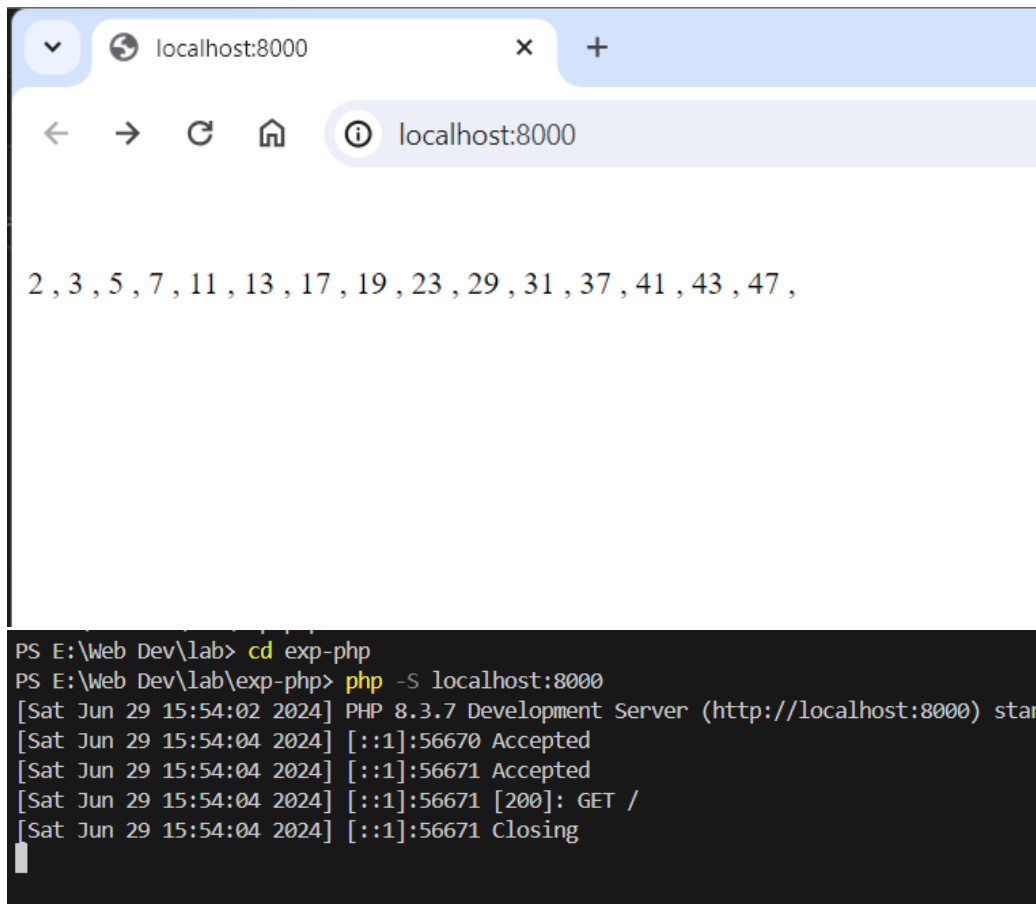
PS E:\Web Dev\lab\exp3> javac ReadXML.java
PS E:\Web Dev\lab\exp3> java ReadXML
enter employee id:
222
First Name : Srinivas
Last Name:Reddy
Location:Russia

```

Program-4

PHP script to print prime numbers between 1-50

```
<!DOCTYPE html>
<html>
  <body>
    <?php
      $number = 2 ;
      while ($number <50 )
      {
        $div_count=0;
        for ( $i=1;$i<=$number;$i++)
        {
          if (($number%$i)==0)
          {
            $div_count++;
          }
        }
        if ($div_count<3)
        {
          echo $number." , ";
        }
        $number=$number+1;
      }
    ?>
  </body>
</html>
```

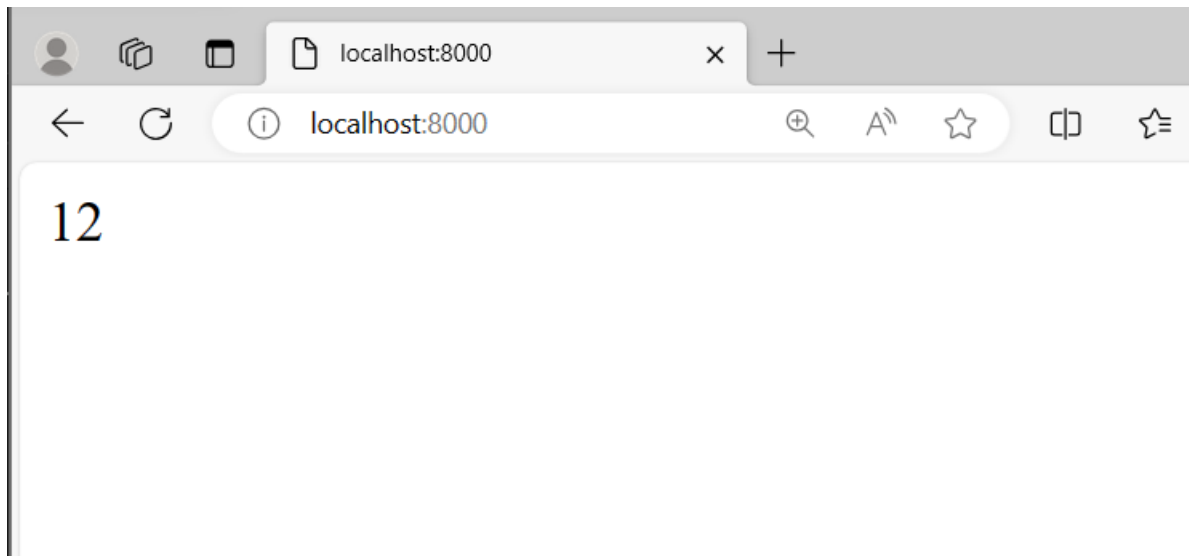
Program-5

PHP String Operations

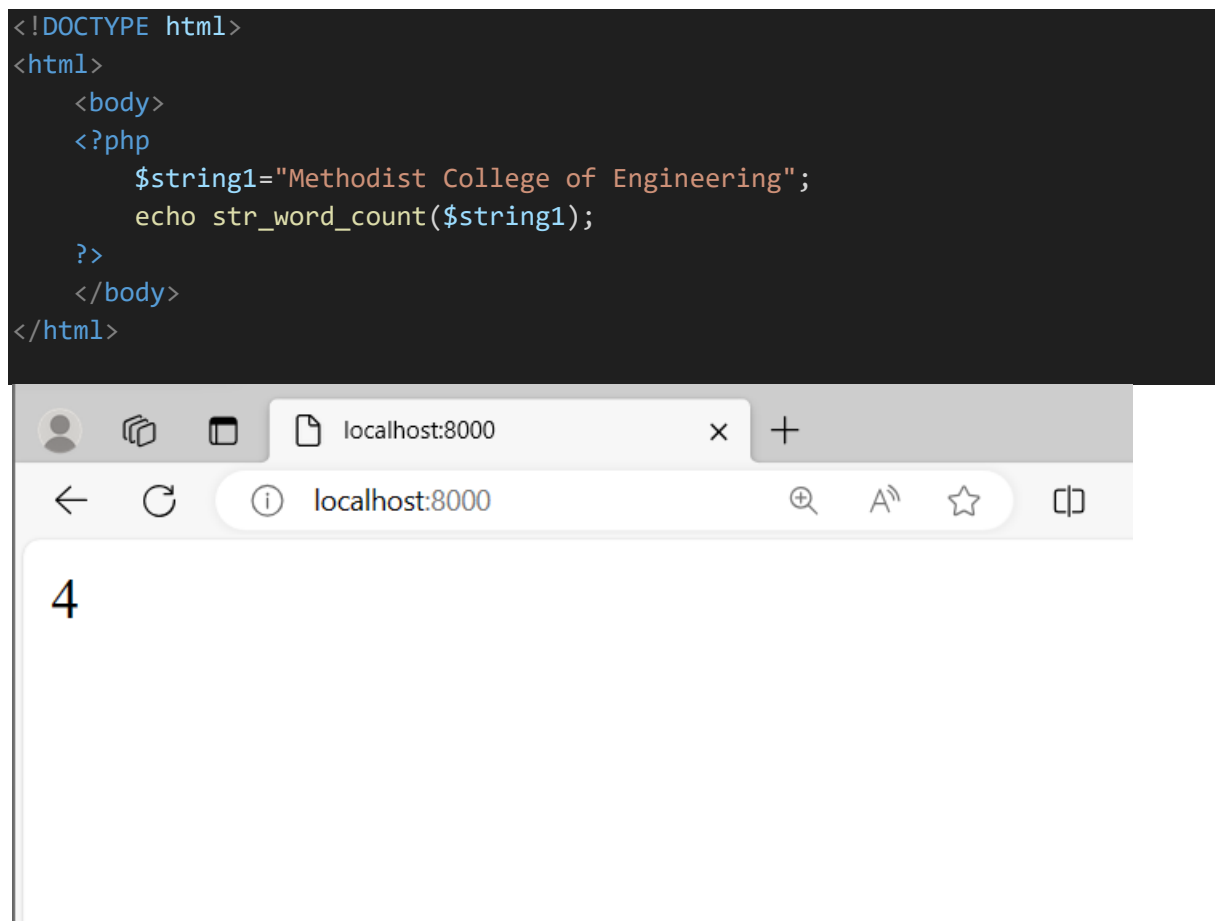
PHP script to

a. Find the length of string

```
<!DOCTYPE html>
<html>
  <body>
    <?php
      $string1="Hello world!";
      echo strlen($string1);
    ?>
  </body>
</html>
```



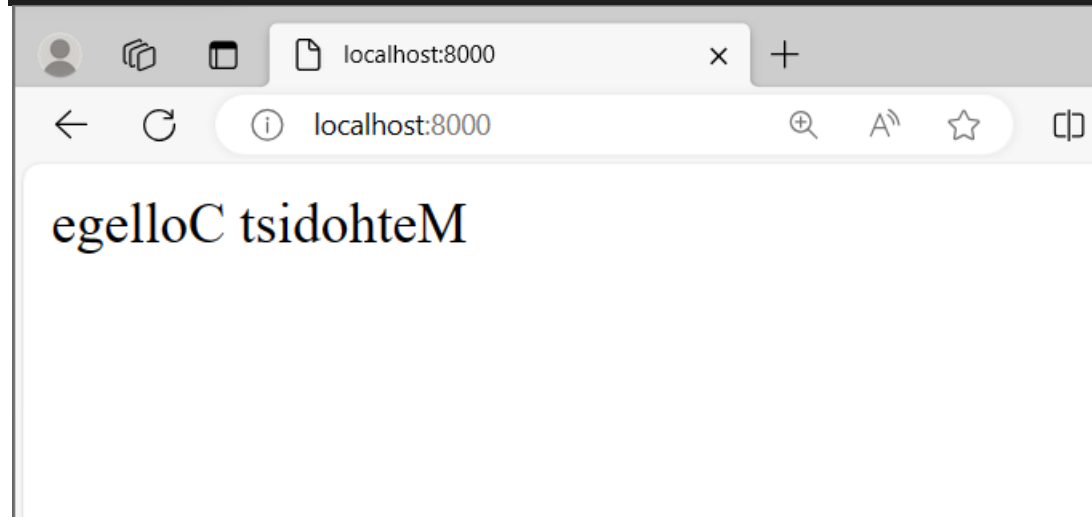
b. count no. of words in string



c. Reverse a string

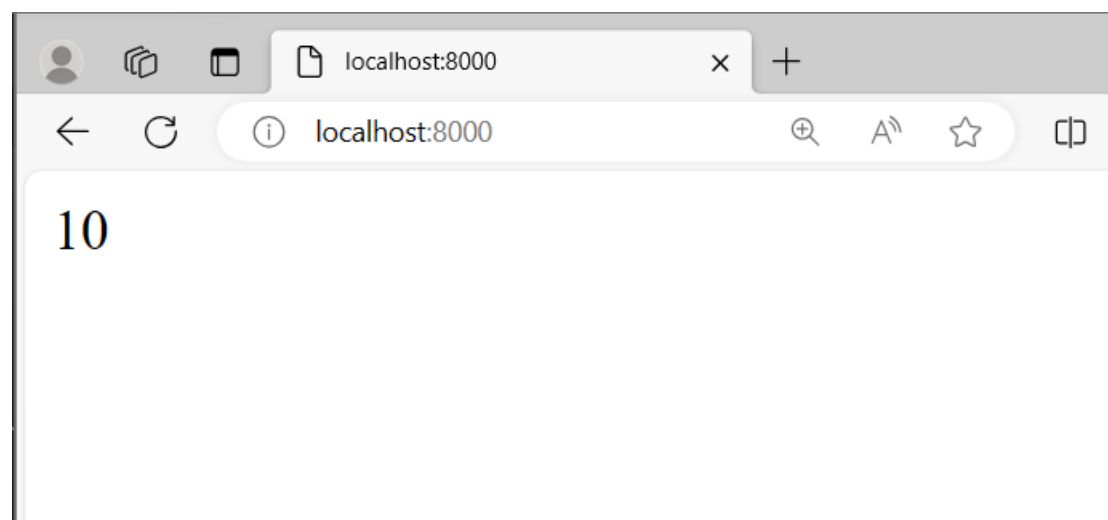


```
$string1="Methodist College";  
echo strrev($string1);  
?>  
</body>  
</html>
```



d. Search for a specific string

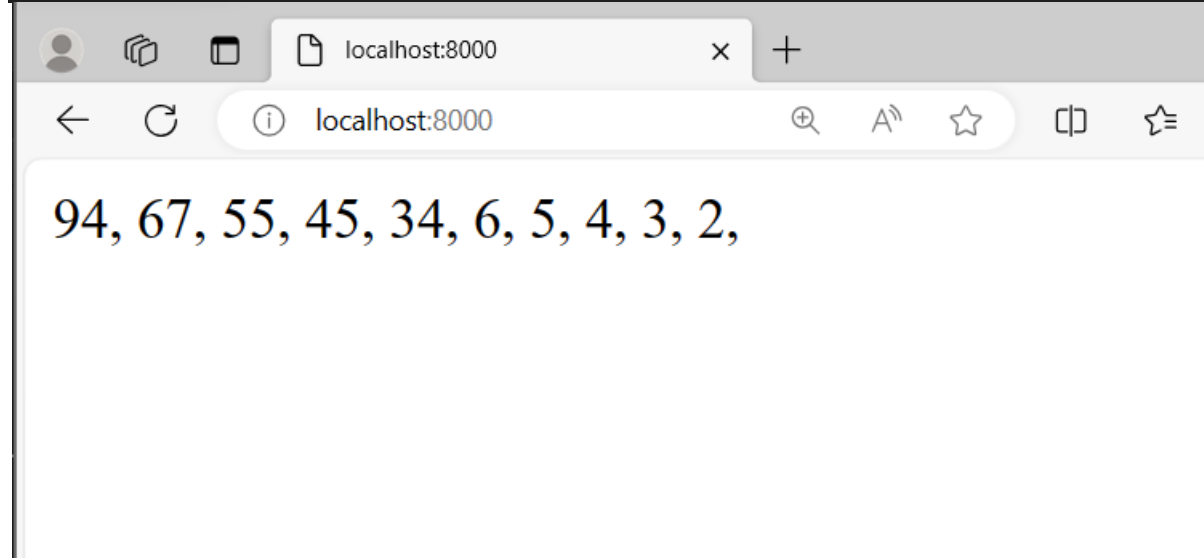
```
<!DOCTYPE html>  
<html>  
  <body>  
    <?php  
      $string1="Methodist College";  
      echo strpos($string1,"College");  
    ?>  
  </body>  
</html>
```



Program-6

PHP script to merge two arrays

```
<!DOCTYPE html>
<html>
  <body>
    <?php
      $arr1=array(5,6,2,34,55);
      $arr2=array(45,3,4,67,94);
      $arr3=array_merge($arr1,$arr2);
      rsort($arr3);
      foreach($arr3 as $ele){
        echo "$ele, ";
      }
    ?>
  </body>
</html>
```



Program-7

Write into file

PHP script to read data from one file& write into another file

```
<!DOCTYPE html>
<html>
  <body>
    <?php
      $inputFile='input.txt';
      $outputFile='output.txt';
      if(!file_exists($inputFile)){
        die("Input file does not exist");
      }
      $inputHandle=fopen($inputFile,'r');
      if(!$inputHandle){
        die("Unable to open input file");
      }
      $outputHandle=fopen($outputFile,'w');
      if(!$outputHandle){
        fclose($inputHandle);
        die("Unable to open output file");
      }
      while(($line=fgets($inputHandle))!=false){
        fwrite($outputHandle,$line);
      }
      fclose($inputHandle);
      fclose($outputHandle);
      echo "Data has been copied from $inputFile to $outputFile";
    ?>
  </body>
</html>
```



JDBC Programs

Steps for execution:

a. Set up MySQL server

```
C:\Windows\System32\cmd.exe - mysqld

Microsoft Windows [Version 10.0.22000.675]
(c) Microsoft Corporation. All rights reserved.

C:\mysql\bin>mysqld
```

b. Executing Java Code

Note: Before running Java programs make sure database exist

```
E:\Web Dev\lab\expjdbc>javac Connect.java

E:\Web Dev\lab\expjdbc>java Connect
Database connection established
Database connection terminated:
```

c. MySQL database

```
C:\mysql\bin>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.4.0 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

For Creating database: create DATABASE test;

For using database: use test;

1.Create JDBC connection to MySQL Database server

```
import java.sql.*;
public class Connect {
    public static void main (String[] args)
    {
        Connection conn = null;
        try{
            String userName = "root";
            String password = "root";
            String url = "jdbc:mysql://localhost:3306/test";
            Class.forName ("com.mysql.jdbc.Driver").newInstance (); // This is
depricated
            //Class.forName ("com.mysql.cj.jdbc.Driver").newInstance ();//
This is the newest driver
            conn = DriverManager.getConnection (url, userName, password);
            System.out.println ("Database connection established");
        }
        catch (Exception e)
        {
            System.err.println ("Cannot connect to database server:"+e);
        }
        finally
        {
            if (conn != null) {
                try {
                    conn.close ();
                    System.out.println ("Database connection terminated:");
                } catch (Exception e) { /* ignore close errors */ }
            }
        }
    }
}
```

```
E:\Web Dev\lab\expjdbc>javac Connect.java
```

```
E:\Web Dev\lab\expjdbc>java Connect
Database connection established
Database connection terminated:
```

2.Create table in MySQL database using JDBC

```
// Create table in MySQL database using JDBC

import java.sql.*;
import java.sql.ResultSet;
public class CreateTable{
    public static void main (String[] args)    {
        Connection conn = null;
        Statement stmt = null;
        ResultSet rs = null;
        String TableName;
        try {
            String userName = "root";
            String password = "root";
            String url = "jdbc:mysql://localhost:3306/test";
            Class.forName ("com.mysql.jdbc.Driver").newInstance();
            conn = DriverManager.getConnection (url, userName, password);
            stmt = conn.createStatement();
            //Creating table
            stmt.execute("create table Java(Roll Integer primary key, Name
Varchar(30), Marks Integer not null, Grade Varchar(2))");
        } catch (SQLException ex){
            System.out.println("SQLException: " + ex.getMessage());
            System.out.println("SQLState: " + ex.getSQLState());
            System.out.println("VendorError: " + ex.getErrorCode());
        }
        catch (Exception e){
            System.err.println ("Cannot connect to database server");
        }
        finally {
            if (rs != null) {
                try {
                    rs.close();
                } catch (SQLException sqlEx) {}
                rs = null;
            }
            if (stmt != null) {
                try {
                    stmt.close();
                } catch (SQLException sqlEx) {}
                stmt = null;
            }
            if (conn != null) {
                try {
                    conn.close ();
                } catch (Exception e) { /* Ignore code for closing errors */ }
            }
        }
    }
}
```



```
}  
}
```

```
E:\Web Dev\lab\expjdbc>notepad CreateTable.java
```

```
E:\Web Dev\lab\expjdbc>javac CreateTable.java
```

```
E:\Web Dev\lab\expjdbc>java CreateTable
```

```
E:\Web Dev\lab\expjdbc>
```

```
mysql> select * from java;  
ERROR 1146 (42S02): Table 'test.java' doesn't exist  
mysql> select * from java;  
Empty set (0.00 sec)  
  
mysql>
```

3.Insert data in MySQL database using JDBC

```
// Insert data in MySQL database using JDBC  
  
import java.sql.*;  
import java.sql.ResultSet;  
public class InsertRecord{  
    public static void main (String[] args){  
        Connection conn = null;  
        Statement stmt = null;  
        ResultSet rs = null;  
        String NameString, RollString, MarksString, GradeString;  
  
        try{  
            String userName = "root";  
            String password = "root";  
            String url = "jdbc:mysql://localhost:3306/test";  
            Class.forName ("com.mysql.jdbc.Driver").newInstance();  
            conn = DriverManager.getConnection (url, userName,  
password);  
            stmt = conn.createStatement();  
            stmt.execute("insert into Java values (01,'Humera', 75, 'A')");  
            stmt.execute("insert into Java values(02,'Qasim', 85, 'EX')");  
            stmt.execute("insert into Java values(03,'Tauseef', 65, 'B')");  
            stmt.execute("insert into Java values(04,'Rimsha', 78, 'A')");  
        }  
        catch (SQLException ex){  
            // handle any errors  
            System.out.println("SQLException: " + ex.getMessage());  
            System.out.println("SQLState: " + ex.getSQLState());  
            System.out.println("VendorError: " + ex.getErrorCode());  
        }  
    }  
}
```

```

    }
    catch (Exception e){
        System.err.println ("Cannot connect to database server");
    }
    finally {
        if (rs != null) {
            try {
                rs.close();
            } catch (SQLException sqlEx) { } // ignore
            rs = null;
        }
        if (stmt != null) {
            try {
                stmt.close();
            } catch (SQLException sqlEx) { } // ignore
            stmt = null;
        }
        if (conn != null) {
            try {
                conn.close (); // System.out.println ("Database connection
terminated");
            } catch (Exception e) { /* ignore close errors */ }
        }
    }
}
}
}

```

E:\Web Dev\lab\expjdbc>notepad InsertRecord.java

E:\Web Dev\lab\expjdbc>javac InsertRecord.java

E:\Web Dev\lab\expjdbc>java InsertRecord

E:\Web Dev\lab\expjdbc>

```

C:\mysql\bin>mysql -u root -p
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.4.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use test;
Database changed
mysql> select * from java;
ERROR 1146 (42S02): Table 'test.java' doesn't exist
mysql> select * from java;
Empty set (0.00 sec)

mysql> select * from java;
+-----+-----+-----+-----+
| Roll | Name   | Marks | Grade |
+-----+-----+-----+-----+
| 1    | Humera | 75    | A     |
| 2    | Qasim  | 85    | EX    |
| 3    | Tauseef | 65    | B     |
| 4    | Rimsha | 78    | A     |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>

```