

PROGRAM-1

Write a program in HTML to print hello world.

Code:

```
<html>

<head><title> Hello World </title></head>

<body align='center'>

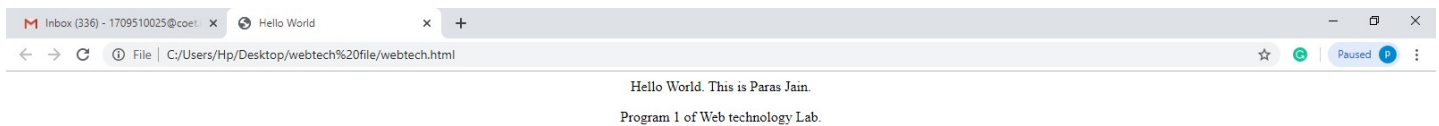
Hello World. This is Paras Jain.

<p> Program 1 of Web technology Lab.

</body>

</html>
```

Output:



PROGRAM-2

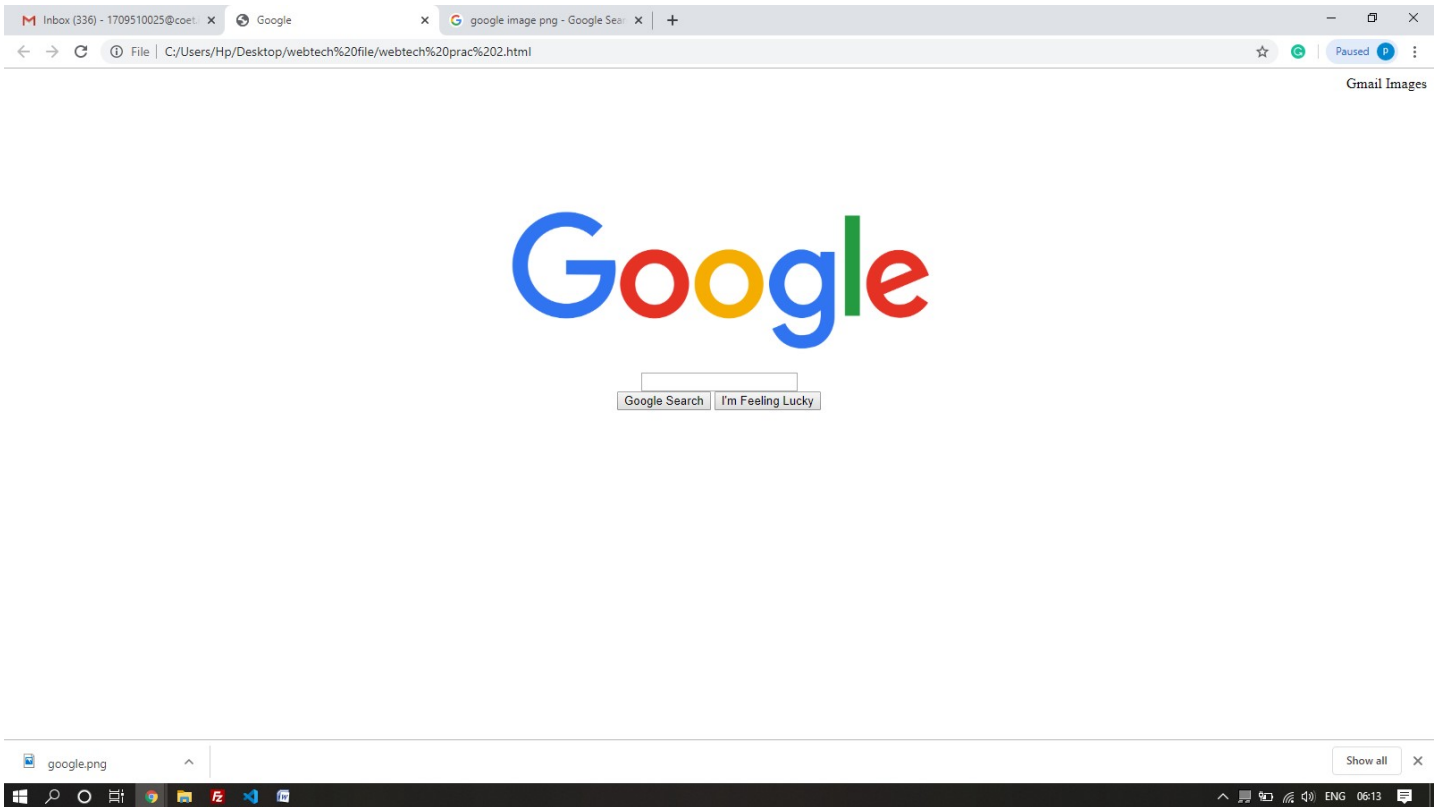
Write a program in HTML to create your own Google page.

Code:

```
<html>
<head>
<title> Google </title>
</head>
<body>
<header align="right"> Gmail Images
</header>
<p style="text-align:center;">
<br><br><br><br><br>

<br>
<input type="search" class="search">
<br>
<input type="submit" class="button" value="Google Search">
<input type="submit" class="button" value="I'm Feeling Lucky">
</p>
</body>
</html>
```

Output:



PROGRAM-3

Write a program in HTML to display your CV in navigator, your Institute Website, Department Website and Tutorial website for specific subject.

Code:

```
<!DOCTYPE html>
<html>

<head>
  <title>College Website</title>
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js">
</script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
</head>

<body>
  <div class="jumbotron">
    
  </div>
  <div align="center">
    <button type="button" class="btn btn-outline-info">About Us</button>
    <button type="button" class="btn btn-outline-info">Contact Us</button>
    <a href="webtech prac 3.html"><button type="button" class="btn btn-outline-info">Student's CV</button></a>
  </div>
</body>
</html>
```

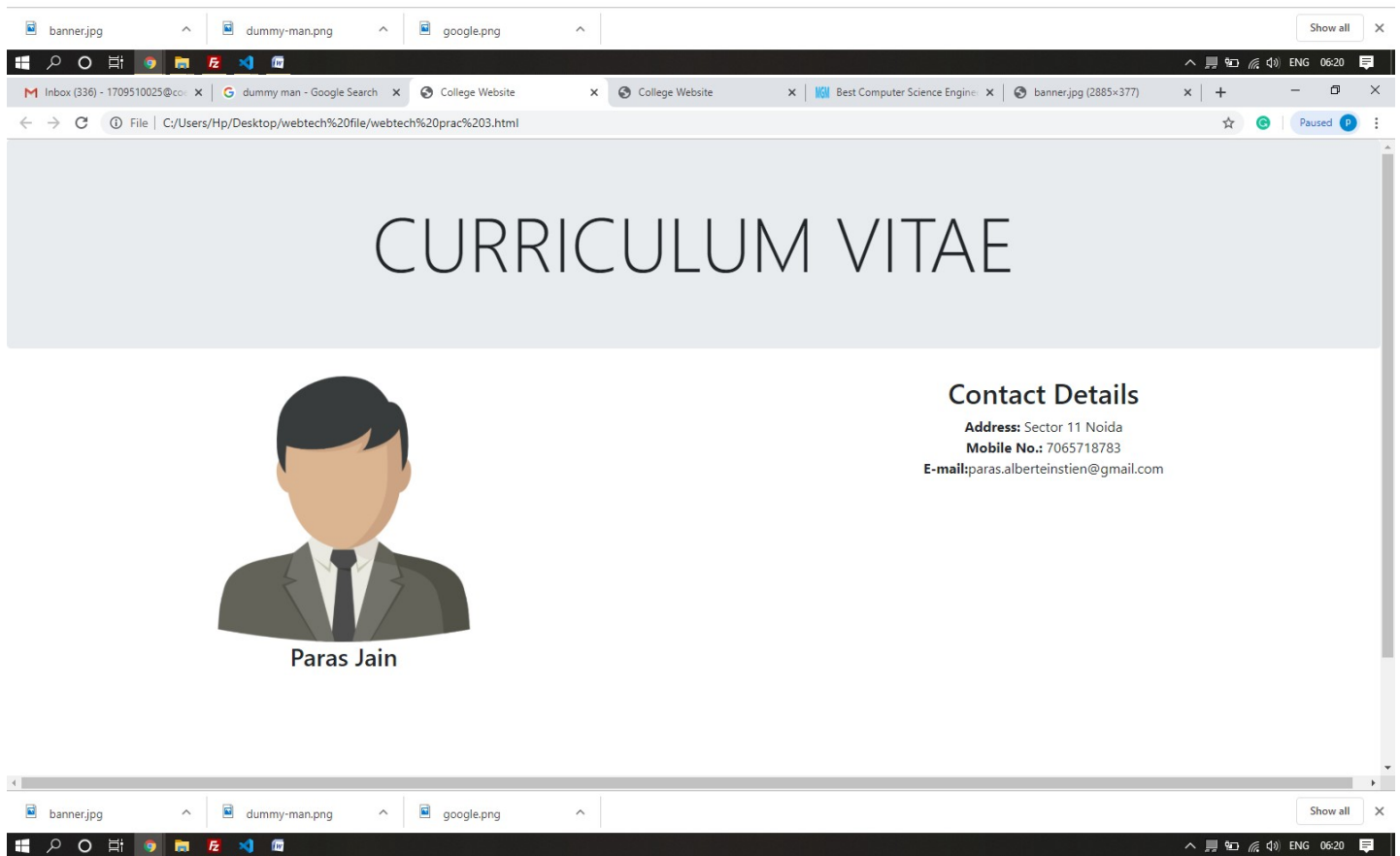
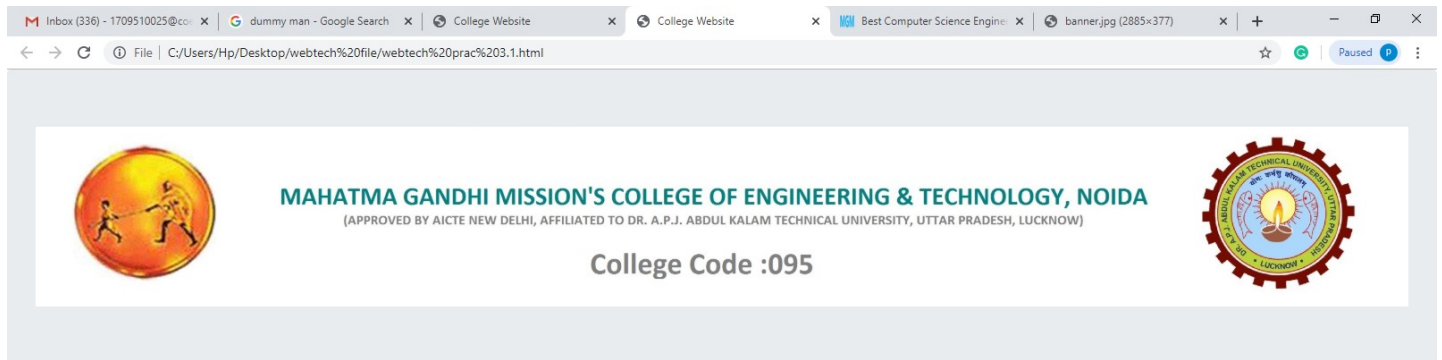
```
<!DOCTYPE html>
<html>

<head>
  <title>College Website</title>
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/css
/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"><
/script>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.
min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js
"></script>
</head>

<body>
  <div class="jumbotron">
    <div align="center">
      <h2 class="display-2">
        CURRICULUM VITAE
      </h2>
    </div>
  </div>
  <div align="center">
    <div class="row">
      <div class="col" style="">
        
        <br>
        <h3>Paras Jain</h3>
      </div>
      <div class="col" style="">
        <h2>Contact Details</h2>
        <div><b>Address:</b> Sector 11 Noida</div>
        <div><b>Mobile No.</b> 7065718783</div>
        <div><b>E-mail:</b>paras.albertEinstien@gmail.com</div>
      </div>
    </div>
  </div>
</body>

</html>
```

Output:



PROGRAM-4

Write an HTML program to design an entry form of student details and send it to store at database server like SQL, Oracle or MS Access.

Code:

```
<html>

<head>
  <title>Student Form</title>
</head>

<body align="center">
  <h1 align="center">Enter all the Details</h1>
  <form>
    Full Name:&emsp;&ensp;
    <input type="text" name="Name"><br> College Name:
    <input type="text"><br> Course:
    <select name="course">
      <option value="B.Tech">B.Tech</option>
      <option value="M.Tech">M.Tech</option>
    </select>&emsp;&ensp; Branch:
    <select name="branch">
      <option value="Civil">Civil</option>
      <option value="Mechanical">Mechanical</option>
      <option value="Electrical">Electrical</option>
      <option value="CSE">CSE</option>
    </select><br> Roll No:
    <input type="text" name="Roll"><br><br>
    <input type="submit" value="Submit">
  </form>
</body>

</html>
```

Output:

Enter all the Details

Full Name:

College Name:

Course: Branch:

Roll No:

PROGRAM-5

Demonstrate the use of style sheet in HTML.

Code:

```
<html>

<head>
  <title>Student Form</title>
  <link rel="stylesheet" href="styles.css">
</head>

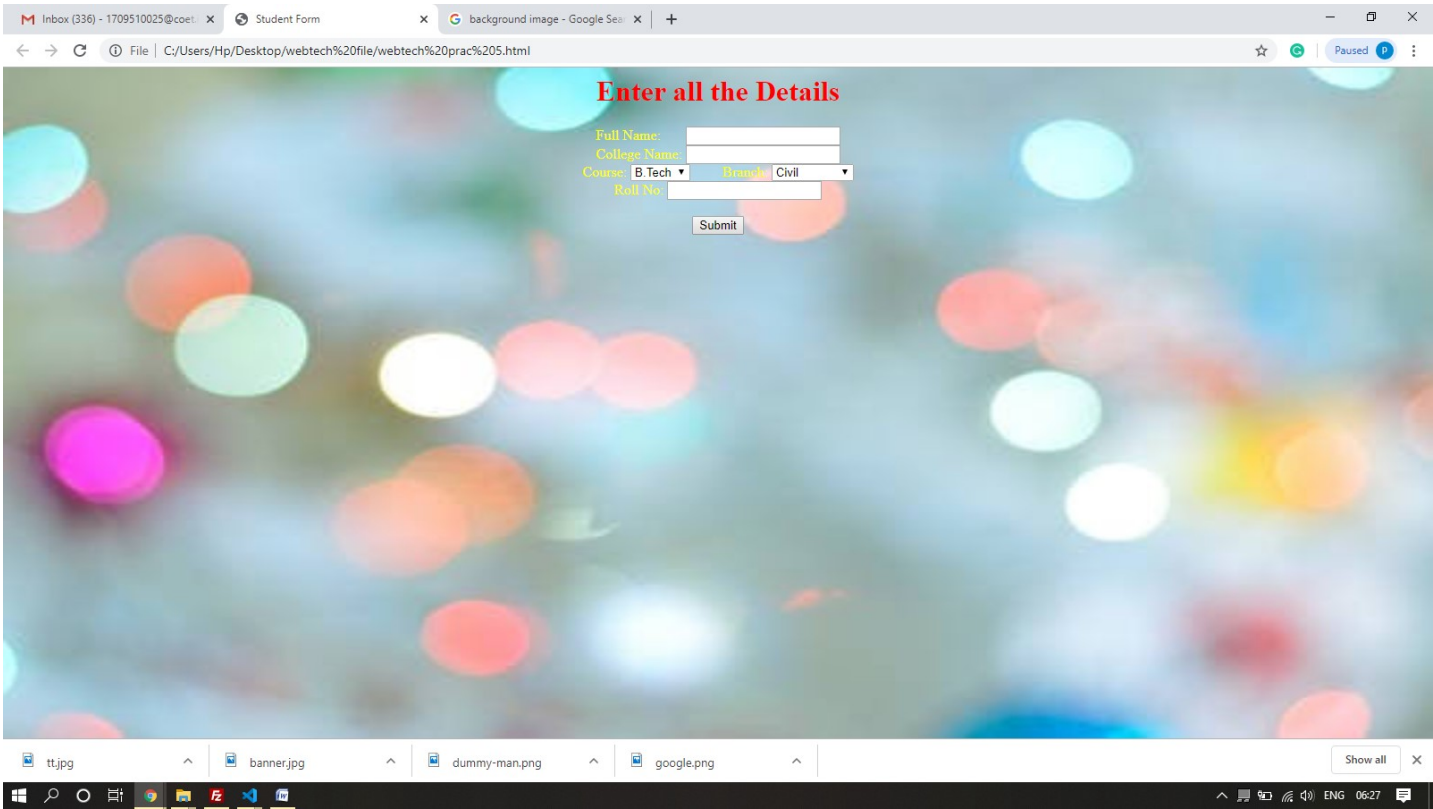
<body align="center">
  <h1 align="center">Enter all the Details</h1>
  <form>
    Full Name:&emsp;&emsp;&emsp;
    <input type="text" name="Name"><br> College Name:
    <input type="text"><br> Course:
    <select name="course">
      <option value="B.Tech">B.Tech</option>
      <option value="M.Tech">M.Tech</option>
    </select>&emsp;&emsp;&emsp; Branch:
    <select name="branch">
      <option value="Civil">Civil</option>
      <option value="Mechanical">Mechanical</option>
      <option value="Electrical">Electrical</option>
      <option value="CSE">CSE</option>
    </select><br> Roll No:
    <input type="text" name="Roll"><br><br>
    <input type="submit" value="Submit">
  </form>
</body>

</html>
```

STYLES.CSS

```
body { align:"center";
  background-image:url("tt.jpg"); background-size:100% 100%;
}
h1 {
  color: red;
}
form{
  color: yellow;
}
```

Output:



PROGRAM-6

Write programs using Java script for Web Page to display browsers information.

Code:

```
<html>

<head>
  <title>Browser Information</title>
</head>

<body>
  <h1>Browser Information</h1>
  <hr>
  <p>
    The <b>navigator</b> object contains the following information about the browser you are using.
  </p>
  <ul>
    <script LANGUAGE="JavaScript" type="text/javascript"> document.write("<li><b>Code Name:</b> " + navigator.appCodeName); document.write("<li><b>App Name:</b> " + navigator.appName); document.write("<li><b>App Version:</b> " + navigator.appVersion); document.write("<li><b>User Agent:</b> " + navigator.userAgent); document.write("<li><b>Language:</b> " + navigator.language); document.write("<li><b>Platform:</b> " + navigator.platform);
    </script>
  </ul>
  <hr>
</body>

</html>
```

Output:

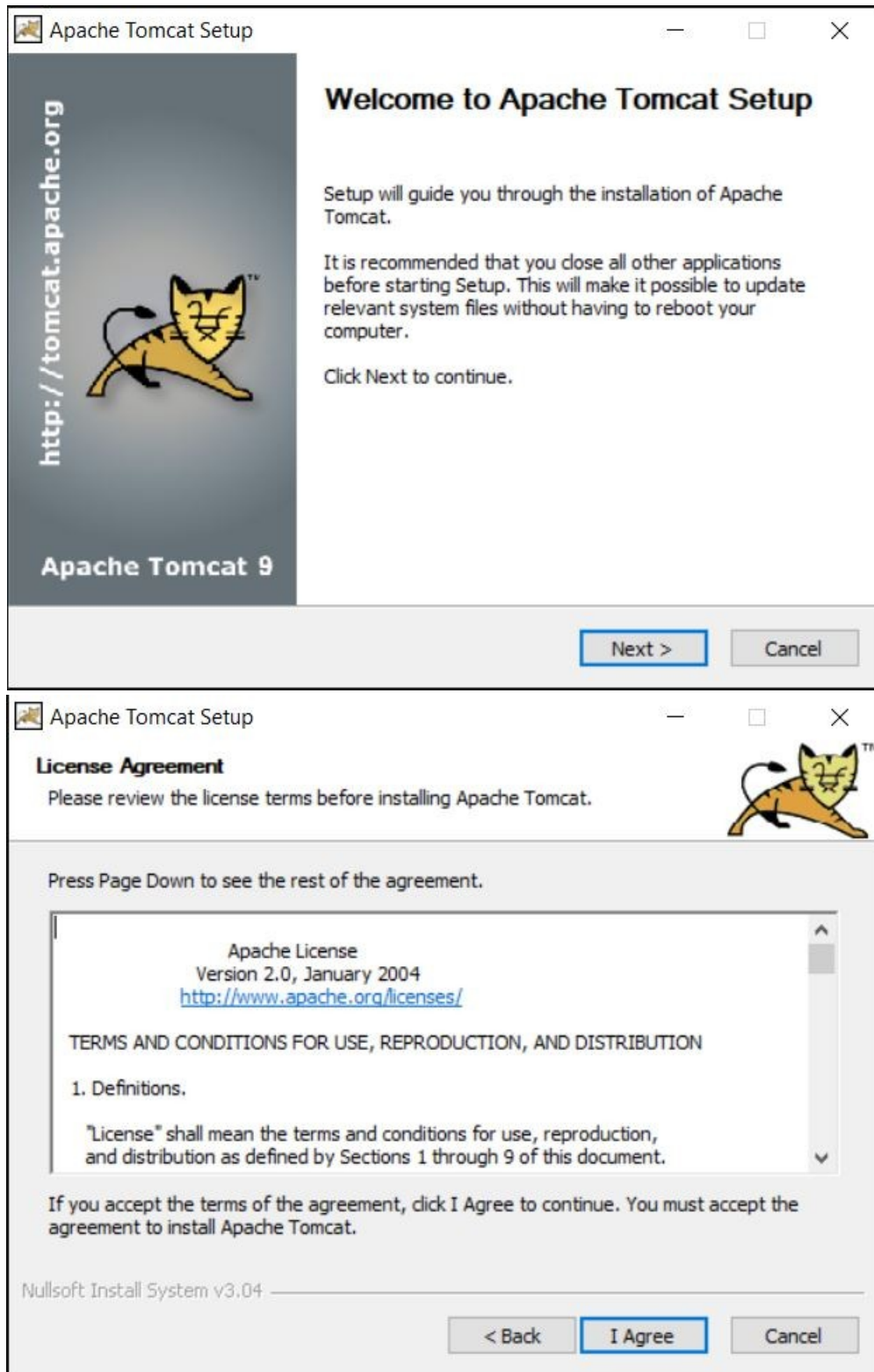
Browser Information

The **navigator** object contains the following information about the browser you are using.

- **Code Name:** Mozilla
- **App Name:** Netscape
- **App Version:** 5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.70 Safari/537.36
- **User Agent:** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/78.0.3904.70 Safari/537.36
- **Language:** en-US
- **Platform:** Win32

PROGRAM-7

Install TOMCAT web server and APACHE.



Apache Tomcat Setup

Choose Components

Choose which features of Apache Tomcat you want to install.

Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.

Select the type of install: Normal

Or, select the optional components you wish to install:

- ☒ Tomcat
- ☒ Start Menu Items
- ☒ Documentation
- ☒ Manager
- ☐ Host Manager
- ☐ Examples

Space required: 13.4 MB

Description
Position your mouse over a component to see its description.

Nullsoft Install System v3.04

< Back Next > Cancel

Apache Tomcat Setup: Configuration Options

Configuration

Tomcat basic configuration.

Server Shutdown Port -1

HTTP/1.1 Connector Port 8080

AJP/1.3 Connector Port 8009

Windows Service Name Tomcat9

Create shortcuts for all users ☐

Tomcat Administrator Login (optional)

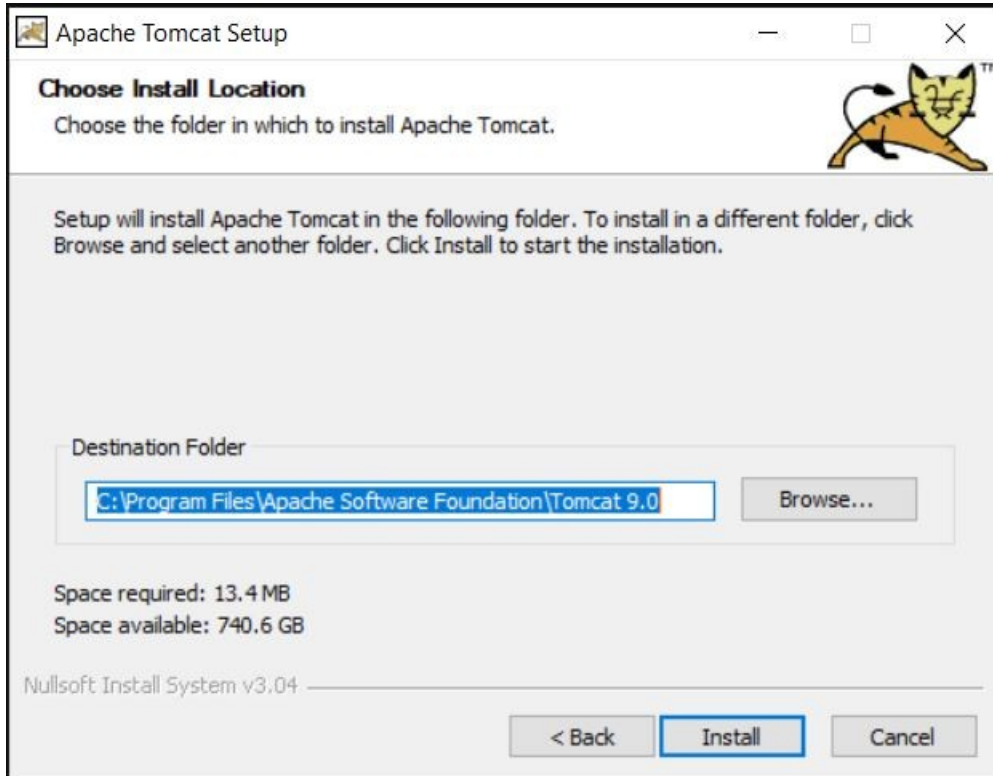
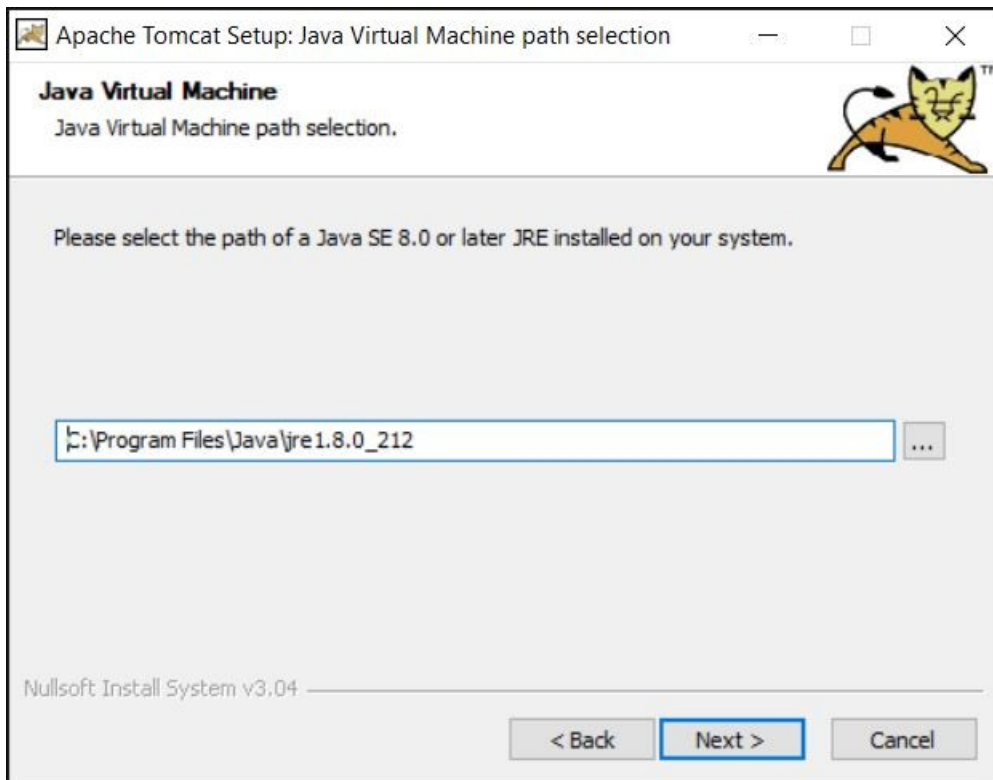
User Name mgm

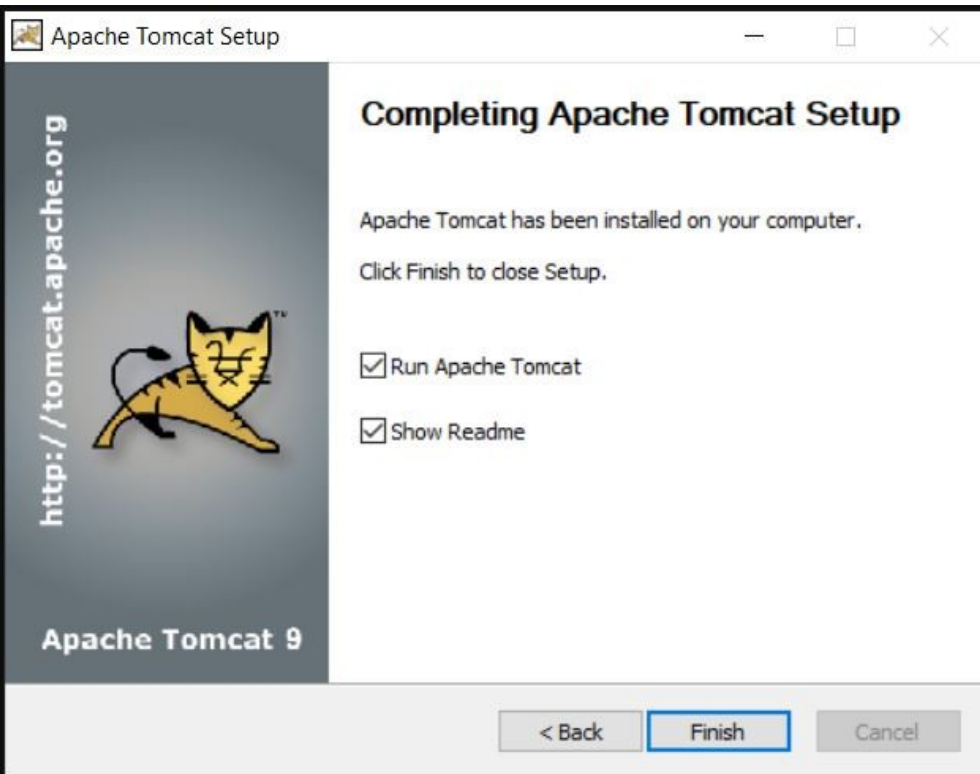
Password ...

Roles manager-gui

Nullsoft Install System v3.04

< Back Next > Cancel





PROGRAM-8

Write a Program to use java applet in HTML.

Open Notepad and Type the following code and save it as “First.java”.

Code:

```
import java.applet.Applet; import java.awt.Graphics; public class First extends Applet
{
    public void paint(Graphics g)
    {
        g.drawString("welcome",300,300);
    }
}
```

Now Make another file named as “myapplet.html” with the following code:

```
<html>

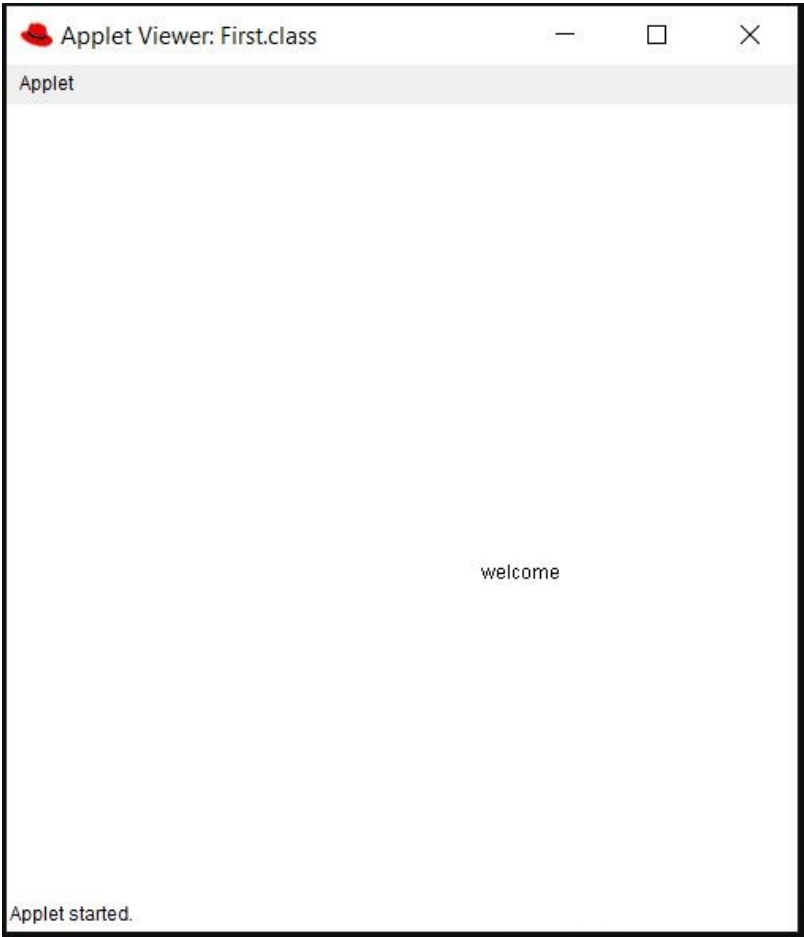
<body>
    <applet code="First.class" width="500" height="500">
    </applet>
</body>

</html>
```

Open Command Prompt and change the destination to the folder where you have saved these two files.

Now type “javac First.java” and this will make a new file in your folder named “First.class”. Now type “appletviewer myapplet.html” and Java applet will appear with the message.

Output:



PROGRAM-9

Write a Java applet to display the Application Program screen i.e. calculator.

Code for cal.java:

```
import java.awt.*; import java.awt.event.*; import java.applet.*;
/*
<applet code="cal" width=300 height=300>
</applet>
*/
public class cal extends Applet implements ActionListener
{
    String msg=" "; int v1,v2,result; TextField t1;
    Button b[]=new Button[10];
    Button add,sub,mul,div,clear,mod,EQ; char OP;

    public void init()
    {
        Color k=new Color(120,89,90); setBackground(k);
        t1=new TextField(10);
        GridLayout gl=new GridLayout(4,5); setLayout(gl);
        for(int i=0;i<10;i++)
        {
            b[i]=new Button(""+i);
        }
        add=new Button("add"); sub=new Button("sub"); mul=new Button("mul"); div
=new Button("div"); mod=new Button("mod"); clear=new Button("clear"); EQ=new Button(
"EQ"); t1.addActionListener(this);

        add(t1);
        for(int i=0;i<10;i++)
        {
            add(b[i]);
        }
        add(add);
        add(sub);
        add(mul);
        add(div);
        add(mod); add(clear); add(EQ);
        for(int i=0;i<10;i++)
        {
            b[i].addActionListener(this);
        }
        add.addActionListener(this); sub.addActionListener(this); mul.addActionL
istener(this); div.addActionListener(this); mod.addActionListener(this); clear.addAc
tionListener(this); EQ.addActionListener(this);
    }

    public void actionPerformed(ActionEvent ae)
    {
        String str=ae.getActionCommand(); char ch=str.charAt(0);
```

```

        if ( Character.isDigit(ch)) t1.setText(t1.getText()+str); else
        if(str.equals("add"))
        {
            v1=Integer.parseInt(t1.getText()); OP='+';
            t1.setText("");
        }
        else if(str.equals("sub"))
        {
            v1=Integer.parseInt(t1.getText());
            OP='-';
            t1.setText("");
        }
        else if(str.equals("mul"))
        {
            v1=Integer.parseInt(t1.getText()); OP='*';
            t1.setText("");
        }
        else if(str.equals("div"))
        {
            v1=Integer.parseInt(t1.getText()); OP='/';
            t1.setText("");
        }
        else if(str.equals("mod"))
        {
            v1=Integer.parseInt(t1.getText()); OP='%';
            t1.setText("");
        }
        if(str.equals("EQ"))
        {
            v2=Integer.parseInt(t1.getText()); if(OP=='+')
            result=v1+v2; else if(OP=='-')
            result=v1-v2; else if(OP=='*')
            result=v1*v2; else if(OP=='/')
            result=v1/v2; else if(OP=='%')
            result=v1%v2; t1.setText(""+result);
        }
        if(str.equals("clear"))
        {
            t1.setText("");
        }
    }
}

```

Code for calci.html:

```

<html>

<body>
    <applet code="cal.class" width="300" height="300">
    </applet>
</body>

```

```
</html>
```

Output:

