//index.html

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
   <head>
      <title>TODO supply a title</title>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
   </head>
   <body>
      <h1>Plagiarism Tool</h1>
      <form name="Input" action="plag" method="post">
      Text 1:<textarea name="t1" rows="5" cols="100"  /></textarea>
      <br><br>
      Text 2:<textarea name="t2" rows="5" cols="100"/></textarea>
      <br><br>
      <input type="submit" value="Submit"/>
      </form>

   </body>
</html>
```

//plag.java

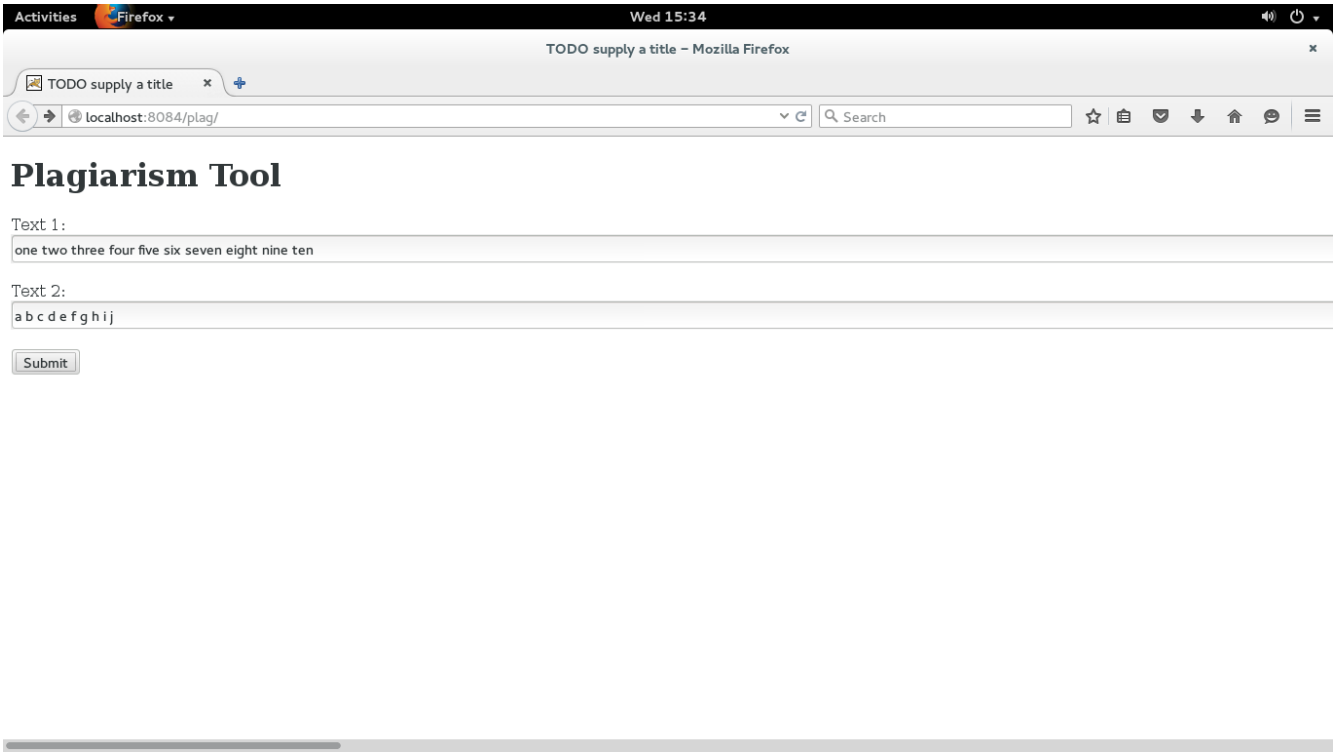
```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 *
 * @author ccoew
 */
@WebServlet(urlPatterns = {"/plag"})
```

```
public class plag extends HttpServlet {

    /**
     * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet plag</title>");
            out.println("</head>");
            out.println("<body>");
            out.println("<h1>Servlet plag at " + "</h1>");
            out.println("</body>");
            out.println("</html>");
        }
    }
    public float check(String a,String b,PrintWriter out)
    {
        int count=0;
        float res;
        String alpha = a.replaceAll("[^a-zA-Z\\s]", "").replaceAll("\\s+", " ");
        String alpha2 = b.replaceAll("[^a-zA-Z\\s]", "").replaceAll("\\s+", " ");
        String[] arr = alpha.split(" ");
        String[] arr1 = alpha2.split(" ");
        int den=arr.length;
        for(int i=0;i<arr.length;i++)
        {
            for(int j=0;j<arr1.length;j++)
            {
                if(arr[i].equals(arr1[j]))
                {
                    count++;
                }
            }
        }

        float u=(float)count/den;
        float u1=u*100;
```

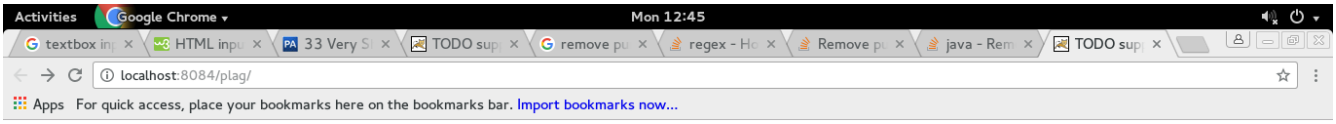
```
        res=100-u1;
        return res;
    }
    // <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
    /**
     * Handles the HTTP <code>GET</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        processRequest(request, response);
    }
    /**
     * Handles the HTTP <code>POST</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        //processRequest(request, response);
        plag p=new plag();
        String a,b;
        a=request.getParameter("t1");
        b=request.getParameter("t2");
        PrintWriter out=response.getWriter();
        float result=p.check(a,b,out);
        out.println("<h1>Your texts are "+result+"% Plagiarism free!</h1>");
    }
    /**
     * Returns a short description of the servlet.
     *
     * @return a String containing servlet description
     */
    @Override
    public String getServletInfo() {
        return "Short description";
    }// </editor-fold>

}
```

Activities
Firefox
Wed 15:33
TODO supply a title – Mozilla Firefox
TODO supply a title
localhost:8084/plag/
Search
Plagiarism Tool
Text 1:
one two three four five six seven eight nine ten
Text 2:
one two three four five six seven eight nine ten
Submit

Activities
Firefox
Wed 15:33
Mozilla Firefox
http://loca.../plag/plag
localhost:8084/plag/plag
Search
Your texts are 0.0% Plagiarism free!


Activities
Firefox
Wed 15:34
TODO supply a title – Mozilla Firefox
TODO supply a title
localhost:8084/plag/
Search
Plagiarism Tool
Text 1:
one two three four five six seven eight nine ten
Text 2:
a b c d e f g h i j
Submit

Activities
Firefox
Wed 15:33
Mozilla Firefox
http://loca.../plag/plag
localhost:8084/plag/plag
Search
Your texts are 100.0% Plagiarism free!

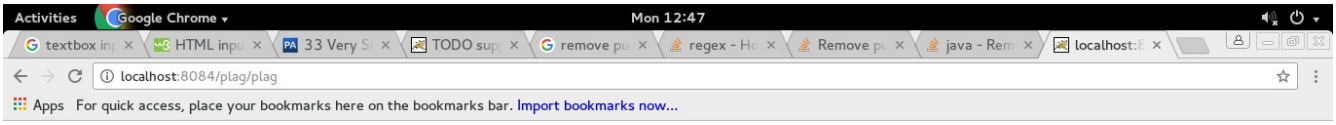


Plagiarism Tool

Text 1:
```
this is cummins college of engineering. computer laboratory 3.
plagiarism tool assignment.
```

Text 2:
```
ccoew, computer department.
karvenagar, pune. assignment for plagiarism.
```

Submit



Your texts are 72.72727% Plagiarism free!