/\*

\* To change this license header, choose License Headers in Project Properties.

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\* and open the template in the editor.

\*/

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author vishwa chaturvedi

\*/

public class task extends HttpServlet {

@Override

protected void service(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

var q = request.getParameter("searchbar");

String ggl = request.getParameter("goo");

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

if (q.equals("movies") ||q.equals("online games") ||q.equals("shopping")) {

response.sendError(response.SC\_BAD\_REQUEST,"BAD KEYWORD DETECTED");

}

else{

if("Google".equals(ggl))

{

response.sendRedirect("google.com/search?q;"+q);

}

else if("bing".equals(bng))

{

response.sendRedirect("bing.com/search?q;"+q);

}

}

}

}

<html>

<head>

<title> Search Engine</title>

<style>

input{

width: 500px;

height: 35px;

border-radius: 10px;

border: 1px solid green;

}

#yahbtn

{

width: 100px;

height: 40px;

border-radius: 10px;

border: 1px solid green;

color: blue;

font-size: 18px;

background-color: white;

}

#yahbtn:hover

{

background-color: blue;

color: white;

}

#safbtn

{

width: 100px;

height: 40px;

border-radius: 10px;

border: 1px solid green;

color: blue;

font-size: 18px;

background-color: white;

}

#safbtn:hover

{

background-color: blue;

color: white;

}

#goobtn

{

width: 100px;

height: 40px;

border-radius: 10px;

border: 1px solid green;

color: blue;

font-size: 18px;

background-color: white;

}

#goobtn:hover

{

background-color: blue;

color: white;

}

#bngbtn

{

width: 100px;

height: 40px;

border-radius: 10px;

border: 1px solid green;

color: blue;

font-size: 18px;

background-color: white;

}

#bngbtn:hover

{

background-color: blue;

color: white;

}

#clearbtn

{

width: 100px;

height: 40px;

border-radius: 10px;

border: 1px solid green;

color: red;

font-size: 18px;

background-color: white;

}

#clearbtn:hover

{

background-color: red;

color: white;

}

</style>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<center>

<br><br>

<h1>SEARCH</h1>

<input type ="text" name="searchbar">

<br><br>

<input type="submit" name="goo" value="Google" id="goobtn">

<input type="submit" name="bng" value="Bing" id="bngbtn">

<input type="reset" name="clear" id="clearbtn">

</center>

</body>

</html>