|  |
| --- |
| package Factorial; |
|  |  |
|  | 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; |
|  |  |
|  | /\*\* |
|  | \* Servlet implementation class FactCalc |
|  | \*/ |
|  | public class FactCalc extends HttpServlet { |
|  | private static final long serialVersionUID = 1L; |
|  |  |
|  | /\*\* |
|  | \* @see HttpServlet#HttpServlet() |
|  | \*/ |
|  | public FactCalc() { |
|  | super(); |
|  | // TODO Auto-generated constructor stub |
|  | } |
|  |  |
|  | /\*\* |
|  | \* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response) |
|  | \*/ |
|  | protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { |
|  | // TODO Auto-generated method stub |
|  | response.getWriter().append("Served at: ").append(request.getContextPath()); |
|  |  |
|  | response.setContentType("text/html;charset=UTF-8"); |
|  | PrintWriter out = response.getWriter(); |
|  | int n=18; |
|  | int i=1; |
|  | int fact=1; |
|  |  |
|  |  |
|  | if(n==0){ |
|  | out.println("<h4>fact of 0"+"is"+n+"</h4>"); |
|  | } |
|  |  |
|  |  |
|  | else{ |
|  | while(i<=n){ |
|  | fact=fact\*i; |
|  | i=i+1; |
|  | } |
|  | out.println("<h4>fact of " + n +"="+fact+ "</h4>"); |
|  | } |
|  | } |
|  |  |
|  | /\*\* |
|  | \* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response) |
|  | \*/ |
|  | protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException { |
|  | // TODO Auto-generated method stub |
|  | doGet(request, response); |
|  | } |
|  |  |
|  | } |