### 1. Frot Servet

## ServletText.java

Package com. servlet; import java. io. 10 Exception; import Java Po. Printwiter; import gava. util. Date; import sokarta. servlet. Servlet; import jakarta. servlet. Servlet Config; import jakarta. servlet. Servlet Exception; import jakarto servled . Servlet Reguest; impert Jakarta. servlet. Servlet Response; public class servlefost implements Servlet ( @ve. rride public void destroy () { System out post in (" destroy () method is called"); @Overôde Public Servlet Config get Servlet Config() ( @ Overide public String getServlet Info() { return rull;

@Overade

public mid init ( Servlet Config config) throws

Servlete xception (

System out print (' init () method &s called");

Overade

public roid servace (Servletfequent reg, Scrobetfenpense reg

throws Servlet (exception, 10 exception) {

System.out.printlell Service () method is called");

ont be ut (, cht), + vers Date () posser de) + , 4ht), ent be ut (, posser de) + , 4ht), be ut (, cht) come tout zet 4p7 
Les. zet (outent jabe (, text/ppul,), be ut my et en ont = ves det my text).

cueb-app xmins:xsi ="http://www.us.org/20.01/xmlSchemainstance" xmins="https://jakanta.ee/xm1/ns/jakartaee"

xmlns: ueb="http://xmins.jup. urg/xm1/ns/jakartaee"

xmlns: ueb="http://xmins.jup. urg/xm1/ns/javaee" version="s:0">

chisplay-name>fritservlet c/display-name>

2 servlets

c scribt-name sfirst of servlet-names

c servlet-class > coros. scribet Scribet Test & scribet-class>

c/ servlet>

escrylet - mapping>
escrylet - name > first c/servlet - name >
curl - pattern / app c/url - pattern >
elservlet - mapping >

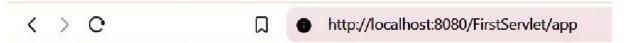
c/web-app>

### Prdex. html

```
c!DocType haml>
chanl>
chead>
creter charset="Iso_8859-1">
chitle > fint App</hitle>
c/head>
chody>
chis welcome to my App c/hi>
ca haf 2"app"> clack me c/a>
clbody>
clbody>
clbody>
clhaml>
```

# Welcome to my app

Click me



Welcome to my site

Fri Mar 28 15:49:59 NPT 2025

# 2. General Scrulet Project

Genera Jestigava

parkage com. Generic Servlet Project;

impact jour. 10.10Exception;

import Sava. io. Printwater;

import jakarta scrulet general Scrulet,

import galarta. servlet. Servlet Exception;

empert Sakarla. scrulet. Scrulet lequest;

import jakarda-scrvlet. Servlet Response;

public class GenericTest extends GenericServlet (

@ Overide

public void service (Servlet lequest req, Servlet Responsers)
throws Servlet Exception, locaception (

Pronting out = res. getwater (); res. set Content Type ("lext / htm)");

out. point ("ch2 > cb> welcome to my site ~ 16></ hzs").

#### mcp.xw1

C)xm/ version ="10" encoding ="UTF-8"]>

Cueb-app xmins: xsi ="http://www.us.org/2001/xminsschemeenstence" xmins ="https://akartaee/xm//ns/gakartaee">

Adeplay=name> Generie ServletProject +/decolor=man

edisplay-name > Generic Servlet Project c/dpsplay-name >

eservlet >

cservlet-rane = first </scrulet-rane>
cservlet-class > com, General Servlet project. General Pest
</scrulet-class>

21 scrulet>

c scrulet-mapping >

c scrulet-name > first clseruler-name>

corl-pattern> page clurl-pattern>

clscrulet-mapping>

evel come -fele - list >

cuel come -fele > index. htmm i) vel come - file >

cuel come -fele > index. jsp < | welcome -fele >

cuel come - file > index. htm < | welcome -fele >

cuel come - file > default. html < | velcome - file >

cuel come - file > defoult. jsp < | welcome - file >

cuel come - file > defoult. html < | welcome - file >

cuel come - file > defoult. html < | welcome - file >

cuel come - file > defoult. html < | welcome - file >

cluel come - file - [ist >

c/velcome-file-(ist>

```
index.html

c! DOCTYPE html>

cheal >

cheal >

cheal >

cheal >

chile > Generic ServetTest Project cltates >

clieal >

chooly >

chile tello Everyone clhs >

ca href = page "> Home cla >

cl body >

cl body >

cl body >

cl body >
```

# Hello Everyone

**Home** 



Welcome to my site

# 1. HttpScrule+Project

## HHPServlet Tex.java

```
Package com. Haspservler;
import java io locaception;
Import javaio. Printwater;
import jakants. Servlet. Servlet Exception;
import Sakarta. servlet. had p. HAAP servlet;
Propert jakarta. servlet hatp. Hit pScrulet Request;
 Proport jakarta. servlet. 11+1p. Hupservlet Response;
 Public class HHPServletTest extends HHPServlet &
   @ Overfde
      protected void do act CH++p Server Request reg,
       HILPServletResponse res) throws Servlet Exception,
       10 Exception {
          Printwater out = res. getwater ();
          res setContent Type ("text (htm)");
          String path = reg. get Request URI ();
         of ( path. contains (" | page 1 ")) [
             on one ("Cht>This is page T MH>");
         & else if (path. Centains ("/page 2")) {
             out write ("ChID This is page 2 > <(hID");
                 out with ("chis Invalid Page c/his");
          9 61 se {
```

```
mcp.xw1
ejum revision = 1,7.01, encogrid = 1,016-81,1>
 cweb-app xmins: xsi ="h++p: 11www. ws.cg 12001/xminssihema-
 Rustance" review=" (0">
     =display-name>H++pScrvle+Project & ldisplay-name>
     < scrilet>
        < servlex -name > first </ servlex-name >
        2 servlet - class > com. HttpServlet. HzzpServlet Texc/servlet
   </scrulety
                                                 do35>
   ~ semlet-walking>
      < servlet -none > ferst < 1 servlet - none>
      Zuri-pattern > / paget </uri-pattern>
   < /servlet-mapping >
   < servlet-mapping>
       < servlet - name > fort 2 | servlet - name >
       xuri-pattern > 1 page 2 c/uri-pattern>
   < 1 servet-mapping>
   Luelcare of le-1957>
       2 welcome - fle > Adex, htom c/welcome - fle >
       < welcome-fre sinders.jsp </ welcome-fres
       zwelcone-file > index. htm 2 | welcome-file >
       ~ wel core-fre > defauit. ham < levelcome-fre>
       2 vel como-fole > default. 95pc/welcome-fole>
       <uelcone-file > defauit. html/welcome-file>
  </ come-fele-185+>
c/ceb-app>
```

```
Prodex.html

C!DOCTYPE html>

Chead>

Chead>

Chead>

Chead>

Chead>

Clhead>

Charsct = "10-8850-1" >

Ctitle > Hill p Scribet Project eltitle >

Clhead>

Chody>

Chi > hello Evergone Clhi>

Ca href="pagel">Heme cla>

Ca hoef="pagel">Neme cla>

Clhady>

Clhady>

Clhami>
```



### **Hello Everyone**

Home Menu



This is page 1



This is page 2