```
Reading & Initializing Parameters (servlets)
zhtm1>
<head >
<title> Student form </title>
< lhead >
< body >
Student Name <input type = "text" rame = "sname" > < b & >
Student AdBranch <input type = "text" name="sbranch"> <ba >
student Address <input type = "text" name = "sadd" > x bs1 >
Submit <input type = "text" name = "submit" >
<1868m>
1/body>
< |html >
                   EXPLORETOINVENT
web.xm|
< web_apps >
<servlet_name > Http <1servlet_name >
< sexulet >

<sewlet_class = Reading seavlet Ex < 1 seavlet_class >

 <1segule + >
 <sewlet_mapping>
 <sewlet_name > Http <1sewlet_name >
 <ur>Zuerl_pathern > 1 hai < 1 well_pathern >

Klseowlet - mapping >

Lueb-apps >
```

```
imposit java.io.*
imposit javax. servlet, *.
imposit java x servlet. https. 2;
class Reading Servlet Ex extends Http Servlet &
 public void do Post (Httpsowlet Request sug, Httpsouvlet Response
                       ses) Sent thous sourlet Exception, IOExc
    sus ponse. set Content Type l'text 1 Html');
    Pountworther out = susponse getweitens.
    Storing name = seq. getparameter l'sname");
    Storing branch = seq. get Parameter l'sbranch");
    String address = seq. getParameter ("Sadd");
    out pointint" your name is" + sname);
    out perintin l'your address is + sadd);
    out · pointln 1" your bounch is" + Sbounch);
```

```
Woute a parogram for Http session tracking technique.
Fosum. html
<h+ml>
<head >
<ti>He> Httpsession < Hitle >
< Thead >
< body bgcolor = "cyan" >
< form method = "get" action = "1Httpsession App1" >
Employee name <input type = "text" name = "name"><ba>>
Employee address < input type = "dext" name = "add"><b91>
<input type = 'submit' name = "send" Value = "send">
< I form >
<1body>
 <1html>
HttpsessionExl. java
impost java, io. * EXPLORE TO INVENT
impost javax. sexvlet. *;
imposet javax servlet. http. *.
public class HttpsessionExI extends Httpsesovlot &
  public void dogret l'Http Sear let Request seg, Httpsear let Respon
                    over) throws SegulotException, IDExceptions
  ses. set Content Type ("text 1htm1");
  PrintWoiter out = sees getWriter();
  Sheing ename = sug. get Parameter ("name");
                                                   ECHNICAL CAMPUS
```

```
Showing eadd = seq. getParameter ("add"):
  Http Session sn = sug. get Session():
   out pount In l" Your Session id" + Sn. get Id());
  sn set Attoubutel"emp name", enamo);
  sn. set Attoubute l'emp address", eaddon):
   out printint" < A horef "Http Session Appl Second" > Show My
                                Details <IA>');
   3
Http Session Ex2. java
impost java. io. *;
imposet javax. seewlet. *;
impost javax. segulet. Http. *;
public class Httpsessionex2 extends 1-1ttpsesvlet &
public void do Bret (Http Seew let Request sug, Httpsen v let Response
                    ues) throws Servlet Exception, IDEXCEPTION &
 ses Set Content Type ("Text 1htm1");
  PointWouter out = ous getwouter();
  Streing ename = oue g. get Parameter l'name");
  Storing eaddress = oreq. get Parameter L" addr");
  Http Session sn = sug. get Session();
  Storing name = sn. getAttoribute ("emprame");
  Strong address = sn. get Attribute ("em paddress");
  Out pount Int" rame: "+ rame);
  out paint In l'address: "+add);
  out point in 1"A hole f = 1H Hp Sexion App 1 form. htm)">
                          New form <1A>");
```

```
out pointhal" Thank you for using my application");
web.xm1
< web-apps >
Eservlet >
<sent/et_name > Ex1 < 1servlet_name >
2 Securet_class > Http Session Ex 1 x 1 Seavlet_class >
< Iseaulet >
< sewlet - mapping >
 < Servlet-name > Ex1 < 1s ear let_name >
 <ue>uel_patteen > 1hai < luel_patteen >
</ seewlet - mapping>
<sewlet>
3 sew let_name > Ex 2 < I sew let_name >
LSewlet - class > Httpsession E 12 < Iservlet - class >
< Isequet>
 < Seculet_mapping>
  <seaulet_name> Ex 2 < Iseavlet_name>
  <uel-pattern> 1bye < luar-pattern>
  <1 servlet_mapping>
   Yweb-apps>
```

```
program for
Cookies session toacking techniques in servlets
forum.html:
<html>
<head > <title > student form < ltitle > < lhead >
<body bg colos = "cyan" >
Kosum method = "get" action = "160Kie Appl fixet">
Student name <input type = "text" name = "rame" >

Student beanch < input type = "text" name = "beanch">
student roll no cinput type = "text" name = "swollno">

*Input type = "submit" rame = "send" value = "send" >
<1 forum>
< 160dy>
< lhtm 1>
Gokie Ex1. java
imposit java.io. *;
imposit javaz. seavlet x ore to invent
imposit javaz. sexvlet. http. *;
public class cookieEx1 extends Httpseavletet &
    public void dopost (Http Sean let Request oreg, Http Sean let Respon
            res) throws servlet Exception, IDException of
      ses. set Content Type ("text | html");
      paintwaiter out = ses get waiteru;
      Steering rame = seq. getparameter ("name");
      straing address = seq. getparameter ("addr");
```

```
Page No. 53
```

```
Rollno = ouq.getparameter l"roll no");
  storing
   cookie c1 = new cookie l'stuname", "name");
   cookie c2 = new cookie ("stuboranch", "boranch";
  cookie c3 = new cookie ("sturoll", 'scollno);
    sult ses. add (cookie (ci));
        ouls. add ( Go Kie (cz));
        ses. add ( cookie((3));
   Out point In l' 217 houf = look eApplby e > show Cooki +
    Details < IA >"):
3
CookieEx 2. java.
imposet java. io. *;
Imposit javax. seavlet. *;
imposit javax. seavlet. http. *;
Public class cookieExz extends Http Servlet &
 public void dopost CHETPSearlet Request one q, HETPSearletResponse
        sus) thouws IDException, searle texception {
        ses. get Content Type ("text/html");
        point Woiter out = ses. get woiter);
        out pointin (cro) get Name + ":" + ([O] get Values ());
        out pointln [" <ba> <ba>");
        out paintful CCIJ. get Name '+ ": " + CLIJ. get Value ());
        out paintin l" < bu > < bu >");
        out-pointlnl" c[2]. getName + ": " +-C[2]. getValue());
```

out-pointln!"< A heref = 1600 Kie Appl Student form. html > New form <1A>"); out pointln l" thanks for visiting our Application");

```
Reading, Initialized Parameters (55P)
form. html waite a program for connecting a
servlet with database.
Mysalijava
imposet java io . Io Exception;
imposit; java. io. Pointwoites;
imposit Javax. souvlet. Souvlet Exception;
imposet javaa. seevlet. h Hp. HttpSeevlet;
imposit javox · servlet. http. HttpseenletRequest;
imposet Janux. seavet. http. Httpseavlet Requestsponse;
imposet java. sql. *;
imposit java . util . #;
Public class mysq. I Seavlet extends Https:eavlet ?
  protected void doget [Httpservlet Request sequest, Httpser
   verRespons susponse) throws servlet Exception, 10 Exception
    Class Notfound Exception, SQL Exception of
       response. set Content Type ("text lhtml; charvet = UTF-8");
       Paint Waiter out: sesponse. get Waiter();
       tory &
          class. fo a Name l" com mysql. jdbc. Driver");
          Connection con = Daivermanager. get Connection
          C'Jobc: mysq1: 116cal host: 3306l mydatabase",
            " stoot", "");
```

Page No. 5 Prepared Statement stmt = con. preparedstatement l'invent Into student values (?,?)"); stmt set Storing (1, "Rajesh"); stmt. set storing (2, "CSE"); int i = stmt. executeUpdateU; out, pountinli+" seconds injerted"); finally & 3

Reading and initializing JSP parameters form. html 4htm12 <body > c foom method = "get" action = "student Ex lfigut"> Enter student name: <input type = "text" name = "sname" < bu>< bu> Enter Student boranch: < input type = "text" name = "sboranch"> < ped> < bu> Enter Student Age cinput type "text" rame = "sage" > <ba><ba><ba> Kinput type = "submit" name = "submit"> <1form> <1body> < lhtm 1> EXPLORETOINVENT Web. xm 1 <web-app> Lseavlet > servlet_name > firest < | seavlet_name > <isp-file > 1WEB-INFICIONES |first jsp</ij> <1 searllet> < servlet_ mapping > <servlet_name > figest < |segvlet_name >

<uel-pattern > 1 first < | wel-pattern > «Isenvlet _ mapping > <1web_app> First j SP Welcome < 12 d> < 12 d> 2010 Storing name = suguest get pasiameter l'sname") storing name = suguest getparameter l'sbranch"> int age = Integer passe Inflorequest get Passame ter l'Sage")); % > Student name 1s: < °6 = name %> < buz
>buz
>buz
> Student Boranch is: < % = boranch % > < box > < box > Student age is: < % = age % > < by> < by> La huet = 1JSPFO. sum parameter 1 form. html > JSPFo. sum Parame New Form < ta> < bu> Have a nice day.

```
write a program for Http session tracking techniq
 ue in JSP.
Empflown. htm 1
Khtm1 >
Lbody > < center >
    x form action = "Httpsession Exjsp" method = "get">
   Enter Employee name: Kinput type = "text" name = "ename">
   2691><691>
   Enter Employer Designation: Kinput type = "text" name = "edwights
   Lba> <ba>
   Tinput type = "submit" rame = "send">
   </ center>
   Klbody>

<
                        EXPLORE TO INVENT
Httpsession Ext. java.
Imposit javax servlet.*;
imposet javax. seavlet http. *;
impost java io . *;
Public class HttpSessionEx1 extends HttpSenvlet &
  Public void do Got LHttp Seavlet Request sucq. Https:eavletResponse
       oces) throws servlet Exception, ID Exception &
           ses. Content Type ("text 1 html");
```

```
point wouter out = res. get wouter();
   storing ename = seq. getparameter, l'ename'i)
   Storing design = oneq get Parameter l'edesign");
   Httpsession sn = sug. getsession U;
   sn. Set Attoibute ("emprane", ename);
   sn set Attoubute ("emposign", design);
   out pointint" your session id"+ sn. getId());
Http Session Ex2. Java
imposit javax. servlet *;
imposet javax servlet http. *;
imposit java. io. 2;
public class Httpsession Exe extends Httpsexvlet &
public void doget [Http Searvlet Request sucq, Http Searvlet Response
     ous) therows servlet Exception, IOException &
        ses. set Content Type ("text 1 htm1");
        pointwoiter out = ses. getworten ();
        Httpsession sn = sug.getsession 1);
        Storing ename = Sn. get Attoubute l'emp Name");
         storing empdesign - sn. getAttoibute l'empDesign");
         out pointin l'Employee name is "+ ename);
         out pointln l'Employee designation is "+ empdesign
         out-println l" La horef = Http Session Applempform. htm)
          1> Newform 21a>");
                                                     UNICAL CAMPUS
```

```
Http Session Ex1. jsp
Welcome to my Session Tracking App
< ba>< ba>
2º10.
 Storing name = suguest getParameter ("ename"):
  Stering design = suguest getParameter l'edesign");
Http session sn = suguest get session();
  In . set Attoribute luemp Name", name);
  sn . set Attoubute L" empdesign", design);
%/0>
Employee details ave
1º10
  Storing Ename = sn. getAtteribute l'empName"):
    Stroing design = sn. getAttrobute l'empoesign').
· lo >
Employee details < by > < by >
Employee name is
2% = ename %> < b91> < b91>
                                                     <1A>
La houf = HttpsessionAppl Empform-htmllodewForm
thank you for visiting my Application.
```