ASSIGNMENT-3

CSA4307 Internet

PROGRAMMING

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BTech CSBIOS.

```
perogenam to Reterieve and display All Records
from the Employee Table using Type 2 Driver.
impost java. sql.
Public class Employee Query
   Public Static void main (String[] args)
        connection com = nul; 1370% 31 (110001016)
        Statement Stmt = null; fine (1)
        Resulted HS = null;
         pret
                                    Continued 7 Life 1 of Are
           class. for Name ("oxacle. jdbc. driver. oxacle driver")
           String unl "jabe: de l'oci";
           String usen = "Scott";
           String password = "tiger";
           conn = Driver Manager. get connection (unl, user, password);
           System. out. println ("Employee ID / +Name");
           while (45. next)) &
              int id = 98. getInt ("Employee ID");
              String name = 915. getstring ("Name:");
              system. out. println (id + "It It" + name);
    I catch (chiss Notfound Exception e)
          system. out println ("aracle JDBC driver not found");
          e. printstack Trace();
       3 catch (SQL Exception e)
```

```
system. out. printle ("Database error");
     e. poiint stack Trace();
   I finally
                 Committee of the state of the
      txy &
        y (as 1: hull) as. close();
        if (stmt!=null) stmt. close();
        if (conn 1 = null) conn. close ();
     I catch (SQL Exception se)
          Se. porintstackTrace U;
                          Mark with Motor
   3.
                       Copie 1 de manda de la company
Assume...
```

Print of the Authority of the constitution

Then to the state of "I will be been motived

Continues in the Holdston of the second

in a graph of the designation of the

Employee ID	Name.
101	Alice.
102	- Bob.,
103 (900)	., charlie

Managing usex parelemences with cookies in Web Application.

Types of cookies & their use:

- 1. Sessian cookies
- i) Definition: Stored in memory and deleted when browsex is closed.
 - ii) use case: Ideal, for temporary data.
- 2. Pensistent cookies.
- i) Definition: Stored on the user's device with an expiration date
- ii) use case: useful for remembering user perferences, login information, and theme choices:

How cookies improve user Experience.

- i) personalization: Remember language, theme or layout settings.
 - i) Convenience: keep users logged in.
 - iii) Efficiency: Store preferences to reduce loading.

Javascnipt code.

COOKIE.

function set cookie (name, value, days) and the outline

let expires = ", if (gans) &

constitution destroy (") poi se let date = new sate();

date. settime (date. getTime() + (days *24 *60 *60

expires = "; expires = "+date. + outc string();

```
document. cookie = name + "= "+ encode unicomponent (Value propin
                             texperes + "; path = /";
   3.
 Glet a cookie.
 function getrookie (name)
   let decoded cootie = decodeuri component (document. cookie);
    let cookies = decoded cookie. split (';');
    rame = name + = ;
                               ) tellistices steams in 189
    for (let cooke of cookies)
        while (cookie. charAt(o) = = = ' !) cookie = copkie
                        substaing (1) joint and
         (cookie. indexed (name) = == 0)
                           ) resistante ation: Personber
             Heturn cookie. substanty Chame. length, cookie.
                i) Convenience: Keep users larged in.
    in) Ethicleron: "Lene poeleres to resuse;" "- mutake
Example usage.
 Set cookie (" theme", "dark", "); " amon ) shows to a man
  Let usertheme = getcookie ("theme"); ing "
  console. log ("Selected Theme: " + userTheme)!
                          (C) althou was a whole ())
as" ad" it " eleb) + Opmirson , other paning is who
 H'(deal *
         Chemitan of . That is exercise, " I show
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```
Personal Cart Management using Java, Berulets
   and JSP.
   Design Overview.
     1) cast structure: use a Java class (e.g. cart Item)
   to represent individual items.
     i) cart storage: Store a List & cartitem> ox Map

    Prioduct ID, Cart Item> 1. 10 2 mod 100 model.

     iii) Servlets: Handle add / remove / update actions.
   Casit Item. java.
   Public class cartItem &
     Perivate string peroduct Id;
    Private String name!
                            it hinterston
     Private int quantity;
      Private double parice;
      Public cart Item (String product Id, string name, int quantity)
      ? . this . product Id = peroduct Id;
          this. name = hame;
          this quantity = quantity;
    7.
  3. cartsenulet. java
   Public class cartsenvlet ()
        Paotected void depost (Httpservlet Request request,
            HH+pservlet Response response) throw servlet
          Exception)
```

```
if (cart == Haul)
     cort = new Arraeflist ();
string action = sequest. getponameter ( action :); her
      productId = request getparameter ("ProductId");
Stanna
storing name inveduent getparameter ("name" ) 1100 (1
     quantity = Integer, parset Int ( request, getparameter
 int
      epoison l'adobque promar | bbo abbliquentity)? ("
 if ( "add ". equals (action))
             found = false; i modition sents
      for (cartItem item = cart)
          If ( item. getProduct Id (). equals (product Id))
              found = true)
                           Private double parice;
        contitens (story producted story cont
                  The Isothopy - without only
    4 (Infound)
                         cartiten (productid, name))
         cart. add (new
                             " ptidocop ext
     else
     session. setAttn'bute ("carst", carst);
       response. send Redirect ("cart. jsp").
    Parterial Voids devocate (Hitch Borralet Reaples
] pluriose would converge source of there are the
```