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CSA 0985
Java

* Write a Code to Create a Table using JDBC.

Load the JDBC driver
Establish a Connection to the data Base
Create a Statement object
Encute a SQL statement to create the table
close the resources.

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Code:-

```
import Java.util *;
class CreateTable Example {
Public static Void main (string [] args) {
String user = "Jdbc; mysql: || Locklhost = 33061 your database;
String user = "your _ username ";
string password = "your_ password";
String createtableQL= "Create table Employee ("+
                "ID INT primary key Auto_Inle"+
                "First name Varchar (50)" + "Last Name:
                Varchar(50)" + "Email Varchar (100)"+
                "Hire Date · Date ·· ");
    Statement · Statement = null;
Connection · Driver Manager get Connection (url, user, password);
Statement. Encute _update (create · Table SQL);
system. Out. println (" successfully created");
}.
Catch (SQL. Enception) {
    System. out. println ("SQL Error");
}
    finally {
        try
```

```
if (Connection != null) Connection. close);
   }
   Catch (Sql.Exception e) {
       e. print stack trace );
   }
   }
   }
   }
   }
```

Output.

Table Employee. Successfully created.

* write the Code to insert the Values into the table using JDBC.

Code :-

```
Import. Java. util;
Class   Insert Values {
Public static Void main (String [] args) {
String wer = 'your. wername";
String pass = "your.pass";
Connection  Connection = null;
stmt     stmt = null;
try {
Class For name (" Com. my sql .. ej. Jdbc. Driver);
stmt. set string (1,'Hemi);
Stmt.. set string (2. "Doe" );
Stmt. set string (3. "Hem @gmail. Com" );
finally {
  try {
  if (stmt != Null ) stmt. close);
  if ( stmt Connection != Null.) Connection. close);
  }
```

```java
    } catch (SQLException e) {
        e.printStackTrace();
    }
  }
 }
}
```

Output

Inserted 1 row(s) into the Employees table.

→

update the table using JDBC.

Import Java util;

```java
class update {
    public static void main(String[] args) {
        String url ="jdbc:mysql://localhost:3306/your_db;
        String user = "your_db");
        String pass = "your-pass";
        String updatesql =" update Employee Set Email = Hiredate=>
                            where ID=?";
        Connection connection =null;
        pstmt pstmt =null;
        catch (classNot Found exception){
        system.out.println("JDBC Driver not Found");
            e.printstack Trace);
```

```
Finally {
try {
if (pstmt != null) pstmt.close();
if (Connection != null) Connection.Close
}
 Catch (SQL Exception e){
     e.print-Stacktrace();
    }
  }
 }
 }
```

Output:-

update . 1 row (s) in the Employee Table.