

EMPLOYEE TABLE

>> Creating table with given details:

```
use demovirtusa;
```

```
create TABLE `employee` (  
  `empid` int(11) NOT NULL AUTO_INCREMENT,  
  `empname` varchar(45) NOT NULL,  
  `empdesignation` varchar(45) NOT NULL,  
  `empage` int(11) NOT NULL,  
  `empsalary` int(11) NOT NULL,  
  primary key (`empid`)  
);  
select * from employee;  
desc employee;
```

OUTPUT:

empid	empname	empdesignation	empage	empsalary
NULL	NULL	NULL	NULL	NULL

>>Inserting entries in table:

```
package jdbc;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.PreparedStatement;  
import java.sql.SQLException;
```

```
public class Assign {  
  public static void main(String[] argv) throws SQLException {  
  
    String dbURL="jdbc:mysql://localhost:3306/demovirtusa";  
    String username = "root";  
    String password = "@Sathya47";  
    try {  
      Connection conn =  
DriverManager.getConnection(dbURL,username,password);  
      if(conn!=null) {  
        System.out.print("we got connected!!!!");  
        String sql ="INSERT INTO  
employee(empname,empdesignation,empage,empsalary) VALUES(?,?,?,?)";  
        PreparedStatement statement =  
conn.prepareStatement(sql);  
        statement.setString(1,"praveen");  
        statement.setString(2,"engineer");  
        statement.setString(3,"22");  
        statement.setString(4,"33333");  
  
        int rowsInserted = statement.executeUpdate();  
        if(rowsInserted>0) {  
          System.out.print("inserted!!!!!!");  
        }  
        else {  
          System.out.print("oh nooooooooo!!!!!!");  
        }  
      }  
    }  
  }  
}
```

```

    }
    conn.close();

    }else {
        System.out.print("we did not get connected");
    }
    conn.close();
}
catch(SQLException ex) {
    ex.printStackTrace();
}
}
}

```

OUTPUT:

empid	empname	empdesignation	empage	empsalary
1	praveen	engineer	22	33333
2	naruto	seniorengineer	42	70000
3	sasuke	seniorarchitech	42	60000
4	konohomaru	softwaredeveloper	42	28000
5	boruto	jrdeveloper	23	27000
NULL	NULL	NULL	NULL	NULL

>>Performing update operation on the basis of age:

```

package jdbc;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;

public class Assign {
    public static void main(String[] argv) throws SQLException {

        String dbURL="jdbc:mysql://localhost:3306/demovirtusa";
        String username = "root";
        String password = "@Sathya47";
        try {
            Connection conn =
DriverManager.getConnection(dbURL,username,password);
            if(conn!=null) {
                System.out.print("we got connected!!!!");
                String sql = "Update employee SET empname
=?,empdesignation=?,empsalary=? WHERE empage=?";
                PreparedStatement statement =
conn.prepareStatement(sql);
                statement.setString(1,"kakashi");
                statement.setString(2,"srdeveloper");
                statement.setString(3,"52200");
                statement.setString(4,"22");

                int rowsupdated = statement.executeUpdate();
                if(rowsupdated>0) {
                    System.out.println("*****done");
                }
                else {

```

```

        System.out.println("***** not done");
    }
    conn.close();
} else {
    System.out.print("we did not get
connected!!!!");
}
conn.close();
}
catch(SQLException ex) {
    ex.printStackTrace();
}
}
}
}

```

Output:

empid	empname	empdesignation	empage	empsalary
1	kakashi	srdeveloper	22	52200
2	naruto	seniorengineer	42	70000
3	sasuke	seniorarchitech	42	60000
4	konohomaru	softwaredeveloper	42	28000
5	boruto	jrdeveloper	23	27000
NULL	NULL	NULL	NULL	NULL

>>Where age is>40 changing designation using update:

```
package jdbc;
```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
```

```
public class Assign {
    public static void main(String[] argv) throws SQLException {

        String dbURL="jdbc:mysql://localhost:3306/demovirtusa";
        String username = "root";
        String password = "@Sathya47";
        try {
            Connection conn =
DriverManager.getConnection(dbURL,username,password);
            if(conn!=null) {
                System.out.print("we got connected!!!!");
                String sql = "Update employee SET empdesignation=?
WHERE empage=?";
                PreparedStatement statement =
conn.prepareStatement(sql);
                statement.setString(1,"fullstackdeveloper");
                statement.setString(2,"42");

                int rowsupdated = statement.executeUpdate();
                if(rowsupdated>0) {
                    System.out.println("*****done");
                }
                else {
                    System.out.println("***** not done");
                }
            }
        }
    }
}

```

```

    }
    conn.close();
} else {
    System.out.print("we did not get
connected!!!!");
}
conn.close();
}
catch(SQLException ex) {
    ex.printStackTrace();
}
}
}

```

Output:

empid	empname	empdesignation	empage	empsalary
1	kakashi	srdeveloper	22	52200
2	naruto	fullstackdeveloper	42	70000
3	sasuke	fullstackdeveloper	42	60000
4	konohomaru	fullstackdeveloper	42	28000
5	boruto	jrdeveloper	23	27000
NULL	NULL	NULL	NULL	NULL