

JDBC

1.

```
String addRecord="INSERT INTO Table1 (Field1) values (" +  
System.currentTimeMillis()+ ");";  
Statement st=dbConnection.createStatement();  
//Execute the Statement  
// **** ????
```

Which line of code do you insert in the place of ??? in the above sample code?

 - a. `st.runCommand(addRecord);`
 - b. `st.executeNonResultSetQuery(addRecord);`
 - c. `int updateCount=st.executeUpdate(addRecord);`
 - d. `st.openRecordSet(addRecord);`
 - e. `ResultSet rs=st.executeQuery(addRecord);`

2. What java interface do you use to call an SQL stored procedure that takes two input parameters and returns two output parameters?
 - a. `CallableStatement`
 - b. `PreparedStatement`
 - c. `ResultSetMetadata`
 - d. `ResultSet`
 - e. `Statement`

3.

```
ResultSet rs = st.executeQuery("SELECT * FROM EMPLOYEE");  
rs.first();  
rs.deleteRow();  
rs.close();
```

Based on the sample code above, what is the result of the `deleteRow()` method?

 - a. The row is removed from the database, but it remains in the `ResultSet`.
 - b. The row remains in both the `ResultSet` and the database, because `rs.commit()` is not called.
 - c. The row remains in both the `ResultSet` and the database, because `rs.flushChanges()` is not called.
 - d. The row is removed from the `ResultSet`, but it remains in the database.
 - e. The row is removed from the `ResultSet` and the database.

4. Which code do you use to create a scrollable ResultSet?
- a.

```
Connection con = ...;  
Statement st =  
    con.createStatement(ResultSet.TYPE_SCROLL_SENSITIVE,  
        ResultSet.CONCUR_UPDATABLE);  
ResultSet rs = st.executeQuery(sqlString);
```
 - b.

```
Statement st = new Statement();  
st.setCursorType(Statement.TYPE_SCROLLABLE, Statement.CONCU  
R_READ_ONLY);  
ResultSet rs = st.executeSQL(sqlString);
```
 - c.

```
ResultSet rs = new ResultSet();  
rs.setScrollable(true); rs.execute(sqlString);
```
 - d.

```
Connection con = ...;  
Statement st = con.createStatement();  
ResultSet rs = st.executeQuery(sqlString,  
    ResultSet.SCROLLABLE );
```
 - e.

```
ScrollableResultSet srs = new ScrollableResultSet();  
srs.openResultSet(sqlString);
```