

output

delete Successful

Expt. No. 3

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// delete

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

```
public class DeleteRecordExample {  
    public static void main (String[] args) {
```

```
        String url = "jdbc:mysql://localhost:3306/bscit";  
        String user = "root";  
        String password = "";
```

```
        String sql = "DELETE FROM Course WHERE Sem = 'Sem5'";
```

```
try {
```

```
    class.forName ("com.mysql.cj.jdbc.Driver");
```

```
try (Connection conn = DriverManager.getConnection  
        (url, user, password);
```

```
    PreparedStatement pstmt = conn.prepareStatement(sql))
```

```
    pstmt.executeUpdate();
```

```
    System.out.println ("Delete Successful");
```

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

```
    } catch (ClassNotFoundException e) {  
        e.printStackTrace();
```

Teacher's Signature _____

Output:

Update Successful

Expt. No. 2

Page No. 2

// update

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

```
public class UpdateRecordExample {  
    public static void main (String[] args) {
```

```
        String url = "jdbc:mysql://localhost:3306/bscit";  
        String user = "root";  
        String password = "";
```

```
        String sql = "Update Course SET Subject='advanced java'  
                        Where Sem='Sem5'";
```

```
        try {
```

```
            Class.forName ("com.mysql.jdbc.Driver");
```

```
            try (Connection conn = DriverManager.getConnection  
                (url, user, password);
```

```
                PreparedStatement pstmt = conn.prepareStatement  
                    (sql))
```

```
            {  
                pstmt.executeUpdate();
```

```
                System.out.println ("updated Successful");
```

```
            } catch (SQLException | ClassNotFoundException e) {  
                e.printStackTrace();  
            }  
        }  
    }  
}
```

Teacher's Signature

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

Output :

Semester : Sem 5 Subject : advanced java

Expt. No. 4

Date

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// Select

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

```
public class ShowAllRecordsExample {
    public static void main (String[] args) {
```

```
        String url = "jdbc:mysql://localhost:3306/bscit";
        String user = "root";
        String password = "";
```

```
        String sql = "Select * from course";
```

```
try {
```

```
    class.forName("com.mysql.cj.jdbc.Driver");
```

```
try (Connection conn = DriverManager.getConnection(
    url, user, password);
```

```
PreparedStatement pstmt = conn.prepareStatement(sql);
ResultSet rs = pstmt.executeQuery();
```

```
while (rs.next()) {
```

```
    String sem = rs.getString("Sem");
```

```
    String subject = rs.getString("Subject");
```

```
    System.out.println("Semester: " + sem + ", Subject: " + subject);
```

```
}
```

Teacher's Signature

Output :

Record inserted successfully

Expt. No. 1

Page No. 1

// Insert

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

```
public class insertRecordExample {  
    public static void main (String[] args) {
```

```
        String url = "jdbc:mysql://localhost:3306/bscit";  
        String user = "root";  
        String password = "root";
```

```
        String sql = "Insert into Course (Sem, Subject) values  
                      ('Sem5', 'java')";
```

```
try {  
    Class.forName ("com.mysql.cj.jdbc.Driver");  
    try (Connection conn = DriverManager.getConnection  
        (url, user, password);  
        PreparedStatement pstmt = conn.prepareStatement(sql)) {  
        pstmt.executeUpdate();  
        System.out.println ("Record inserted successfully");  
    }  
} catch (SQLException | ClassNotFoundException e) {  
    e.printStackTrace();  
}
```

Teacher's Signature