


```

Connection conn=null;
boolean status=true;
try{
    conn=DriverManager.getConnection
("jdbc:oracle:thin:@//localhost:1521/xe", "system", "abc");
    System.out.println("Connected successfully to the
DB");
    Statement st=conn.createStatement();
    conn.setAutoCommit(false);
    ✓ st.addBatch("Insert into employees values
(108,'Vimal',55000,'Developer','14-Feb-2015')");
    ✓ st.addBatch("Update employees set salary=salary
+2000 where job='Analyst'");
    ✓ st.addBatch("delete from allmovies where
mov_id=106");
    int[] ans=st.executeBatch();
    for(int i=0;i<ans.length;i++){
        System.out.println("Query "+(i+1)+" affected
"+ans[i]+" rows");
    }
} catch(SQLException ex){
    System.out.println("DB Error:"+ex.getMessage());
    status=false;
}

finally{
    try{
        if(conn!=null){
            if(status==true){
                conn.commit();
                System.out.println("All queries executed and committed");
            }else{
                conn.rollback();
                System.out.println("Queries rolled back");
            }
            conn.close();
        }
    } catch(SQLException ex){
        System.out.println("Error in closing the connection:"+ex.getMessage())
    }
}

```



0	1	2
1	5	1

### Step required for batch update with PreparedStatement

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1. Create PreparedStatement object with the query to be sent to the DB containing placeholders.
2. Set auto-commit to false
3. Call appropriate setter methods and replace placeholders with actual values.
4. Call addBatch().
5. Repeat step 3 and 4 according to the requirement.
6. Call executeBatch()
7. Finally either commit() or rollback() the transactions.

```

PreparedStatement ps=conn.prepareStatement("insert into allmovies values (?, ?, ?)");
conn.setAutoCommit(false);
Scanner kb=new Scanner(System.in);
String choice="";
do
{
    System.out.println("Enter movie id:");
    int id=kb.nextInt();

    System.out.println("Enter movie name");
    kb.nextLine();// for clearing the buffer
    String mname=kb.nextLine();

    System.out.println("Enter movie rating:");
    int mrating=kb.nextInt();
    ps.setInt(1, id);
    ps.setString(2, mname);
    ps.setInt(3, mrating);
    ps.addBatch();
    System.out.println("Any more ?(Yes/No)");
    choice=kb.next();
}while(choice.equalsIgnoreCase("yes"));

int []ans=ps.executeBatch();
System.out.println("Total queries executed are:"+ans.length);
for(int i=0;i<ans.length;i++){
    System.out.println("Query "+(i+1)+" affected "+ans[i]+" rows");
}

```