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|  | **Department of Information Technology** |

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| Semester | S.E. Semester III – INFT |
| Subject | Advanced Java Lab |
| Laboratory Teacher: | Prof. Neha Kudu |
| Laboratory | - |

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| Student Name | Vinay Pawar | |
| Roll Number | 22101A0031 | |
| Grade and  Subject Teacher’s  Signature |  |  |

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| Assignment  Number | 02 | |
| Problem  Statement | Integrate JSP with a relational database (e.g., MySQL or PostgreSQL). Create a web application that can perform basic database operations like inserting, updating, and deleting records. Display the data from the database on JSP pages. | |
| Resources /  Apparatus  Required | Hardware: Desktop/Laptop | Software: Apache NetBeans |

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| Code:- | <html>  <body>  <form method="post" action="test1">  <input type="submit" value="Display">  </form>   </body>  </html>  package inft2;  import java.sql.\*;  public class INFT2  {    public static void main(String[] args)  {  try  {  Class.forName("com.mysql.jdbc.Driver");  Connection c=DriverManager.getConnection("jdbc:mysql://localhost/INFT","root","root");  Statement s=c.createStatement();  s.execute("insert into student values(4,'Raj','80')");  System.out.println("Record Inserted...");  s.execute("delete from student where Roll=2");  System.out.println("Record Deleted...");  s.executeUpdate("update student set Name='Roshan' where Roll=3");  System.out.println("Record Updated...");    s.close();  c.close();  }  catch(Exception e)  {  System.out.println("Exception occurs."+e);        }      }  }  <html>  <body>  <%@page import="java.sql.\*" %>  <%  try  {  Class.forName("com.mysql.jdbc.Driver");  Connection c=DriverManager.getConnection("jdbc:mysql://localhost/INFT","root","root");  Statement s=c.createStatement();  ResultSet rs=s.executeQuery("select \* from student");    out.println("Roll Name Percentage");  out.println("<br>");  while(rs.next())  {  String roll=rs.getString("Roll");  String name=rs.getString("Name");  String per=rs.getString("Percentage");  out.println(roll+" "+name+" "+per);  out.println("<br>");  }  rs.close();  s.close();  c.close();  }  catch(Exception e)  {  System.out.println("Exception occurs."+e);  }  %>  </body>  </html> |
| Output: |  |