

# Assignment 1

Submit date:13/09/2024

1. How do you establish a database connection using JDBC in a Java program?  
Outline the steps involved.
2. What is PreparedStatement in JDBC? Explain the advantages of using PreparedStatement over Statement.
3. What is JDBC driver? Explain different types of JDBC Drivers in detail.
4. Explain with example Scriptlet tag, Declaration tag and Expression tag.
5. Compare the following: Servlet and JSP.
6. What is Request Dispatcher? Explain Request dispatcher's forward() and include() method with example ?
7. What is Deployment descriptor? Explain with example.
8. What is session? What are the different ways to do session Tracking and explain any one with example.
9. What is Servlet? Explain Servlet Life Cycle.
10. Explain different types of Servlets.
11. What are the implicit objects of JSP? Write a JSP page to demonstrate the use them.
12. Explain JSP architecture in detail.
13. Explain page directive in JSP with example .
14. Describe JDBC component and architecture.
15. Explain JSP lifecycle with diagram.
16. Compare ServletConfig with ServletContext.