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1. The steps involved in the process of connecting to a database and executing a query consist of the following with JDBC is:
 - Import the required JDBC packages
 - Load a JDBC driver and register it
 - Open a connection to the required database
 - Declare a statement object and provide the required query
 - Execute that statement object and perform the query
 - This creates a query resultset
 - Process the resultset
 - Close the statement object and resultset created
 - Close the connection
2. MVC architecture is followed in JDBC-based applications.
The various parts are:
 - Browser(Client) which can request and receive the response
 - Servlet which is the controller
 - JSP provides the view.
 - The servlet instantiates Java Beans which is the model
 - This is linked to enterprise servers or data sources.