**Background of the problem statement:**

As a part of developing an e-commerce web application, you have to create a database table for storing product information. A form is needed to add new products. The form submission is validated, and a new record is created in the product table.

**You must use the following:**

●    Eclipse as the IDE  
●    Apache Tomcat as the web server  
●    JSP pages for the front end  
●    Servlets for backend processing  
●    Hibernate to store data into the database

**Following requirements should be met:**

●    Show an add product form in JSP  
●    Handle the form submission in a servlet. Validate it for any missing information  
●    Add the product information into the database using Hibernate  
●    Set up Hibernate configuration files using XML for the product table  
●    A class has to be created to store product data. This class will be linked to Hibernate via an hbm.xml file  
●    The servlet will put the form data into the product class and then pass the product class into Hibernate to add into the database  
●    The step-by-step process involved in completing this task should be documented