

# Adding a New Product in the Database: Writeup

## ( Phase 2 – Practice Project 3 )

Name : K V Sagar

Git Link : [simpliLearn/Phase-2/30-PracProj-AddProductHibernate at main · K-V-Sagar/simpliLearn \(github.com\)](https://github.com/K-V-Sagar/simpliLearn/Phase-2/30-PracProj-AddProductHibernate)

- This web application accepts the input fields from the user through a JSP form and enters the data into the **products table**.
- The data entered is also stored in the class and displayed after user clicks submit.
- The class **products** contains ID, Name and Quantity of the project which is linked to the database using the annotations.
- A form **add.jsp** has been created using the JSP which accepts the product ID, product name and the quantity.
- The **form="addProductServlet"** and the **method="post"** for the **add.jsp**.
- In the **appProductServlet.java** a session is created using the **HibernateUtil.java** and then a transaction is begun.
- The data is read using the **request.getParameter()** which is then passed on as parameters to the constructor of the class **products**.
- An ArrayList **details** is created to store the objects of the class **products** as its elements.
- Then the **RequestDispatcher** is used to forward the request to the **listProdDetails.jsp** which displays the elements of the ArrayList **details** (i.e. the objects of the class **products**).
- The following are the various **.jar** files required to run the web application:

