Please read chapter 5 of the book "Java Enterprise Edition: A Practical Approach" by B. Mohamed Ibrahim ©2013 on SkillsNB (omit section 5.5 about deploying to Apache Tomcat):

https://gnb.skillport.com/skillportfe/main.action#summary/BOOKS/RW$409214:_ss_book:50842

Another good reference in SkillsNB is chapter 2 of "Servlet & JSP: A beginner's tutorial" by Budi Kurniwan ©2016
https://gnb.skillport.com/skillportfe/main.action#summary/BOOKS/RW$384620:_ss_book:113384

You must use a servlet to complete this problem to get full credit. I realize there might be more efficient ways to code a solution, but the purpose is to practice servlets.

If you don't already have it, you should grab the SQL dump for a MySQL database called "ProductDemo" which contains 1 table "Products" from BrightSpace and run it. (this is the same database from our PHP Course)

Using a servlet, display all the records of the "Products" table. Also, on the same page, create a form that will post data to insert a record into the "Products" table. You must use small methods whenever possible, instead of doing everything in the ProcessRequest() method.

Don't worry about making it look pretty, I'm looking for server-side logic, not HTML & CSS. Also, don't worry about validation, just assume the user will enter valid data.

You must use proper coding techniques (variable naming conventions, Prepared Statements etc) to get full credit. Your results must closely match the screenshot below.

There is a lot of fields in the "Products" table, just populate category, description, image and price. Leave the other fields blank.

Please submit your project to BrightSpace by the due date.

Add Product

Category:
Description:
Image:
Price:
Submit

ID	Category	Description	Image	Price	Option1Desc	Option1a	Option1b	Option1c	Option1d	Option2Desc	Option2a	Option2b	Option2c	Option2d	productscol
1	Houseware	Kettle	1	23	Color	Red	White	Black							
2	Tools	Wrench Set	2	59											
3	Sportswear	Hiking Boots	3	98	Color	Green	Black	Tan	Pink	Size	8	9	10	11	
4	Houseware	Iron	4	17	Color	Red	White	Silver							
5	Tools	Socekt Set	5	90	Type	Metric	English			Color	Silver	Gold			
6	Sportswear	Cargo Pants	6	54	Color	Tan	Black			Size	S	M	L	XL	
7	Houseware	Ironing Board	7	32	Size	36Inch	48Inch								
8	Tools	Screwdriver Set	8	13	Color	Black	Yellow			Type	Philips	Robertson	Standard		
9	Sportswear	Cargo Shirt	9	30	Color	Tan	Black			Size	M	L			
10	asdf	asdf	asdf	22	null	null	null	null	null	null	null	null	null	null	