**Lab 1 – Product Controller**

getProductForm()

This method should be called by default with GET to "/product"   
This method should take in a model.  
It should retrieve the categories by calling the getAll() method from the categoryRepository and add it should add it to the model.  
It should return the **PorductForm.jsp** file.

saveProduct()

This method should be called by default with POST to "/product" (Check the jsp file)  
This method should take in a Product object.  
Then create a Category object from the id of the selected category.  
Add the retrieved category to the product.  
Then save it by calling the save() method that will add the product to the database.  
It should return the **PorductDetails.jsp** file.

listProducts()

This method should be called with GET to "/product/listproducts"   
This method should take in a model.  
It should retrieve all products by calling the getAll() method from the productRepository and add it should add it to the model.  
It should return the **ListProducts.jsp** file.

findProduct()

This method should be called with GET to "/product/productfind"   
This method should take in a model.  
It should retrieve the product id from the query parameter (*The product id should be appended*)  
Then add it to the model.  
And it should return the **Find.jsp** file.  
You may use another method to complete this task.

Have the product information displayed in **SingleProduct.jsp**