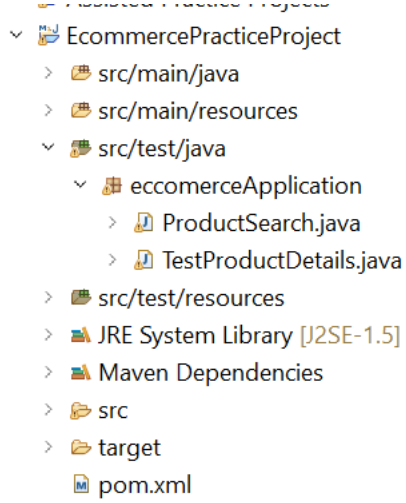
Phase-2 Practice Project - 2

E-Commerce Practice Project

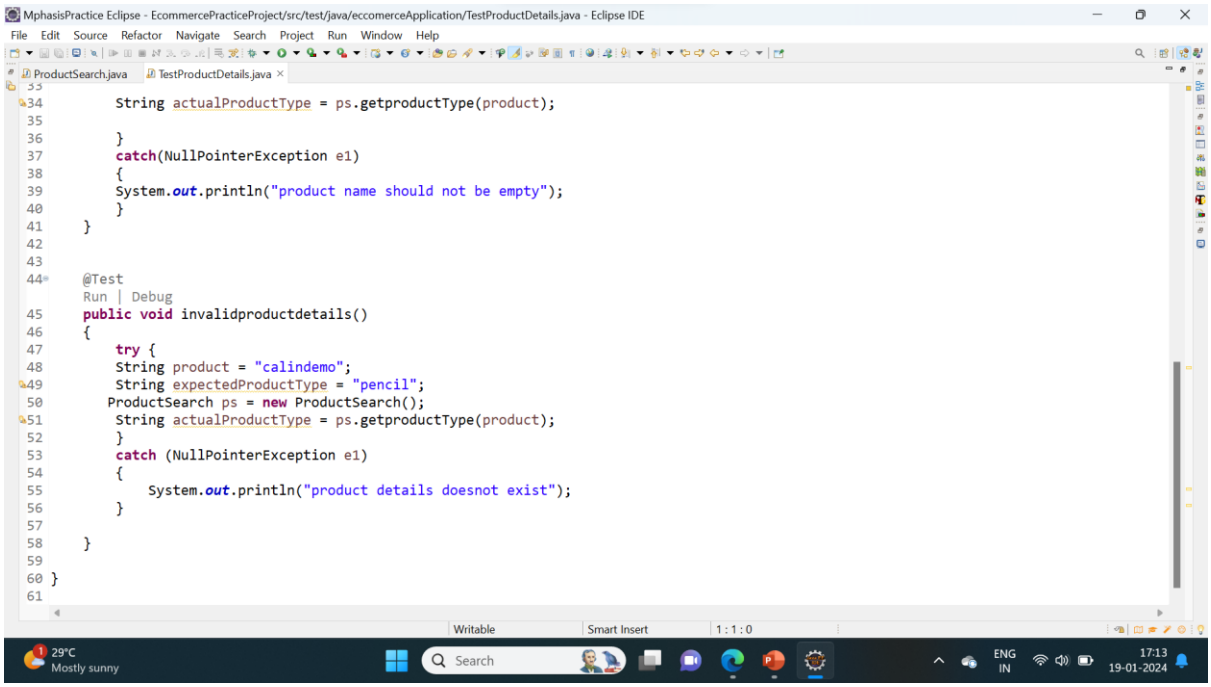
Step 1:

Create a Maven Project with name EcommercePracticeProject and Add dependencies



Step 2:

Create Class TestProductDetails and write the code by using TDD methodology



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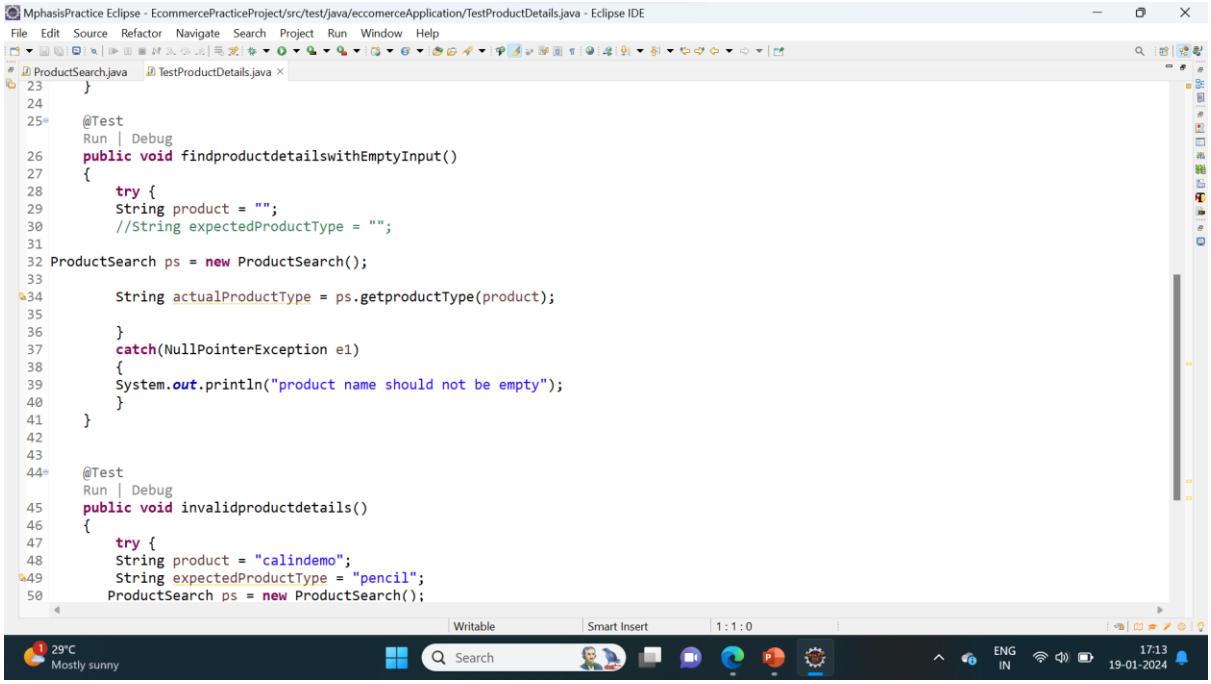

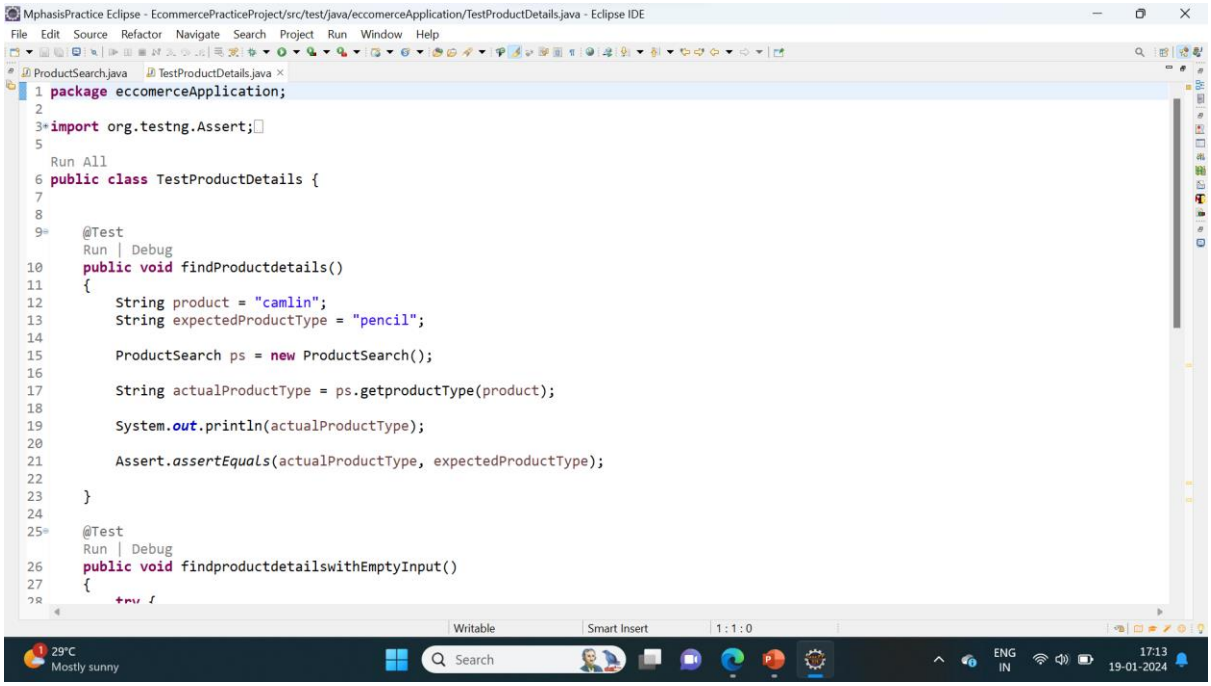

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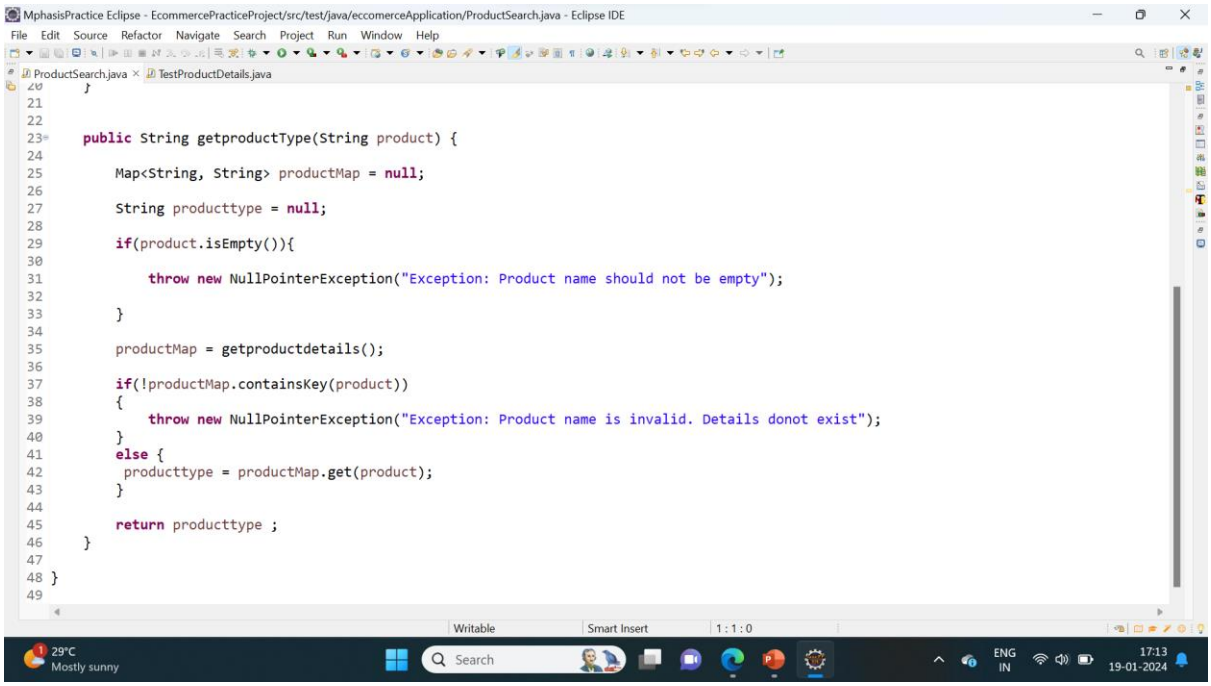
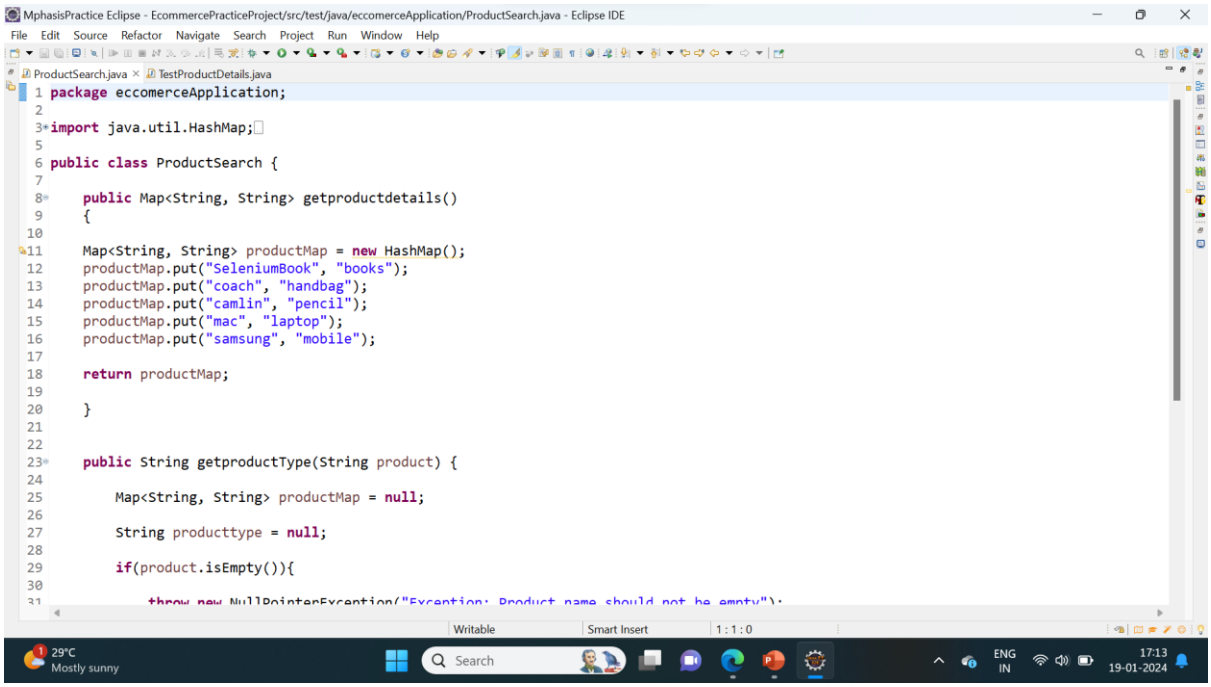
Step 3:

Create Class ProductSearch based on the errors occurred in TestProductDetails class



```
    }


    public String getproductType(String product) {

        Map<String, String> productMap = null;

        String producttype = null;

        if(product.isEmpty()){

            throw new NullPointerException("Exception: Product name should not be empty");

        }

        productMap = getproductdetails();

        if(!productMap.containsKey(product))
        {
            throw new NullPointerException("Exception: Product name is invalid. Details donot exist");
        }
        else {
         producttype = productMap.get(product);
        }

        return producttype ;
    }

}
```



```
package eccomerceApplication;

import java.util.HashMap;

public class ProductSearch {

    public Map<String, String> getproductdetails()
    {

    Map<String, String> productMap = new HashMap();
    productMap.put("SeleniumBook", "books");
    productMap.put("coach", "handbag");
    productMap.put("camlin", "pencil");
    productMap.put("mac", "laptop");
    productMap.put("samsung", "mobile");

    return productMap;

    }


    public String getproductType(String product) {

        Map<String, String> productMap = null;

        String producttype = null;

        if(product.isEmpty()){
```

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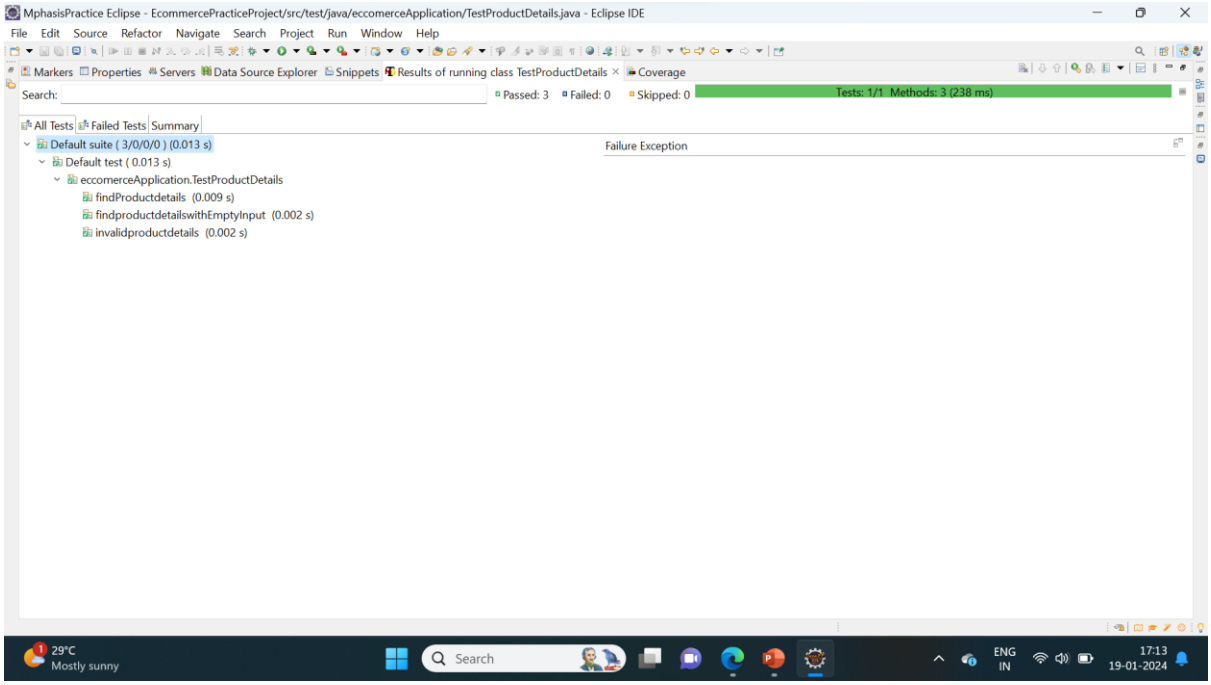
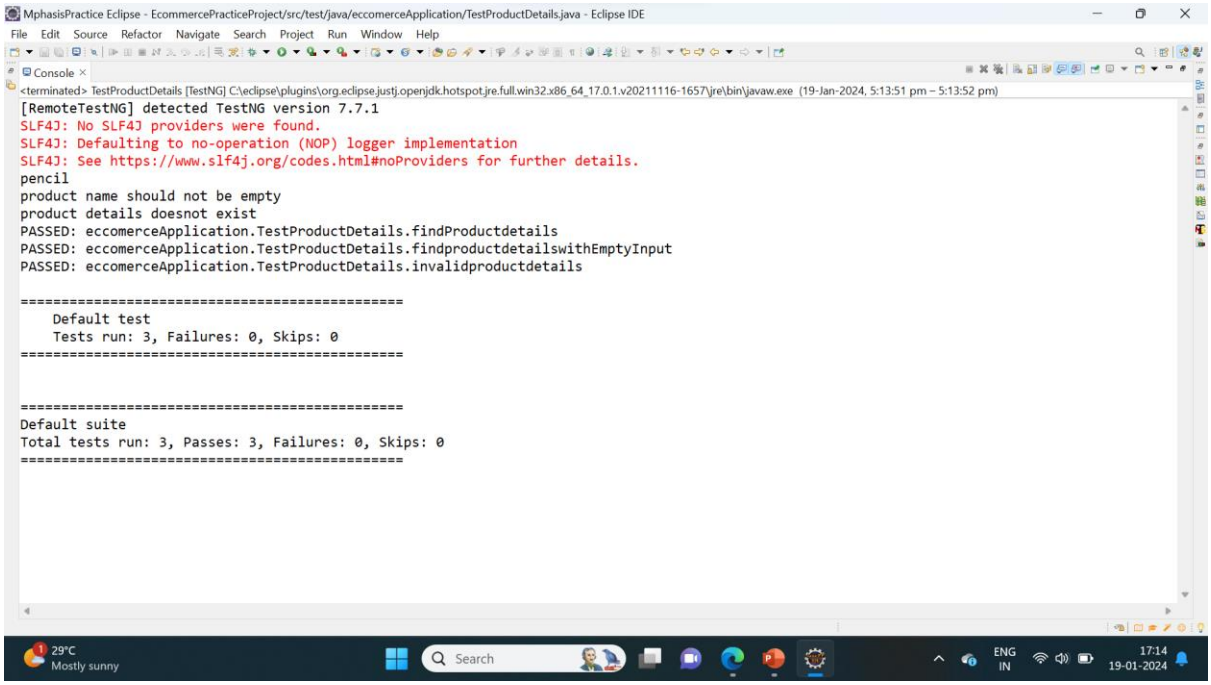
Step 4:

Run the TestProductDetails Class and all Test Cases will be passed





GitHub Link: [GitHub - chandumj/simplilearnprojects]