ProductsRepository.java:-

package com.simplilearn.kitchenStoryFoods.repository;

import com.simplilearn.kitchenStoryFoods.models.Products;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

import org.springframework.stereotype.Repository;

import java.util.List;

import java.util.Optional;

@Repository

public interface ProductsRepository extends JpaRepository<Products,Long> {

@Query(value = "SELECT p FROM Products p ORDER BY p.price Desc")

public List<Products> findAllProductsOrderedByPriceHighToLow();

@Query(value = "SELECT p FROM Products p ORDER BY p.price ASC")

public List<Products> findAllProductsOrderedByPriceLowToHigh();

Optional<Products> findById(Long id);

}

PurchaseRepository.java:-

package com.simplilearn.kitchenStoryFoods.repository;

import com.simplilearn.kitchenStoryFoods.models.Purchase;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

import org.springframework.stereotype.Repository;

import java.util.List;

@Repository

public interface PurchaseRepository extends JpaRepository<Purchase,Integer> {

@Query(value = "SELECT p FROM Purchase p ORDER BY p.name ASC")

List<Purchase> findAllOrderByName();

@Query(value = "SELECT p FROM Purchase p ORDER BY p.price ASC")

List<Purchase> findAllOrderByPrice();

}

UserRepository.java:-

package com.simplilearn.kitchenStoryFoods.repository;

import com.simplilearn.kitchenStoryFoods.models.Users;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.data.jpa.repository.Query;

import org.springframework.stereotype.Repository;

import java.util.List;

@Repository

public interface UserRepository extends JpaRepository<Users,Integer> {

Users getByEmail(String email);

@Query(value = "SELECT u FROM Users u ORDER BY u.firstName ASC")

List<Users> findUsersOrderByName();

}