4-2

import java.util.ArrayList;  
import java.util.Iterator;  
  
public class assignment4q2 {  
 private int totalPrice;  
 private String status;  
  
  
 public assignment4q2(int price, String status)  
 {  
 this.totalPrice=price;  
 this.status=status;  
 }  
  
 public int getPrice()  
 {  
 return this.totalPrice;  
 }  
  
 public void setPrice(int price)  
 {  
 this.totalPrice=price;  
 }  
  
 public String getStatus()  
 {  
 return this.status;  
 }  
  
 public void setStatus(String status)  
 {  
 this.status=status;  
 }  
 public static ArrayList<assignment4q2> listOfOrders(ArrayList<assignment4q2> orders)  
 {  
 Iterator<assignment4q2> iterator=orders.iterator();  
 while(iterator.hasNext())  
 {  
 assignment4q2 order=iterator.next();  
 if(order.getPrice()>10000 && order.getStatus().equals("Accepted/Completed")) {}  
 else  
 {  
 iterator.remove();  
 }  
 }  
 return orders;  
 }  
 public static void main(String[] args)  
 {  
 assignment4q2 order1=new assignment4q2(8000,"Processing");  
 assignment4q2 order2=new assignment4q2(5000,"Processing");  
 assignment4q2 order3=new assignment4q2(12000,"Accepted/Completed");  
 assignment4q2 order4=new assignment4q2(11500,"Processing");  
 assignment4q2 order5=new assignment4q2(9000,"Accepted/Completed");  
 assignment4q2 order6=new assignment4q2(15000,"Processing");  
  
 ArrayList<assignment4q2> orders=new ArrayList<assignment4q2>();  
 orders.add(order1);  
 orders.add(order2);  
 orders.add(order3);  
 orders.add(order4);  
 orders.add(order5);  
 orders.add(order6);  
  
 orders=*listOfOrders*(orders);  
  
  
 orders.forEach((order) -> { System.*out*.println(order.getStatus()+" "+order.getPrice()); });  
 }  
}