Shop V2.0 - An Array of Product

Produced by:

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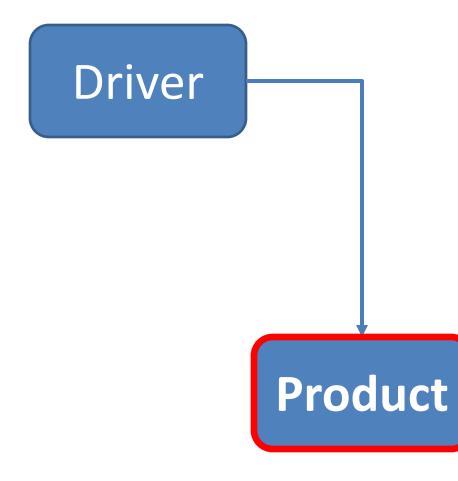




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Recap: <u>Shop V1.0</u> - Product



- The Product class stores details about a product
 - name
 - code
 - unit cost
 - in the current product line or not?

Recap: <u>Shop V1.0</u> - Driver

- The Driver class
 - has the main() method.
 - reads the product details from the user (via the console)

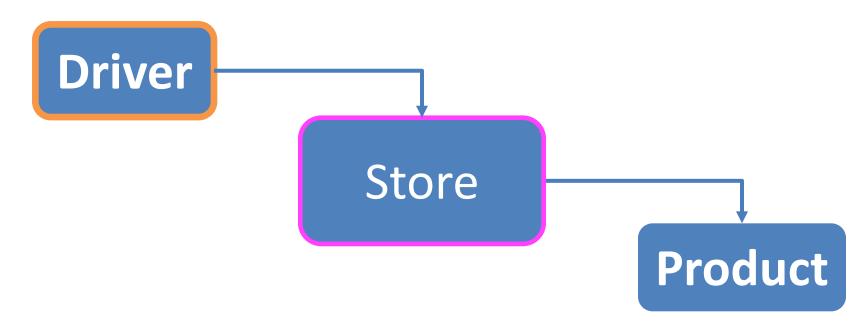
Driver

Product

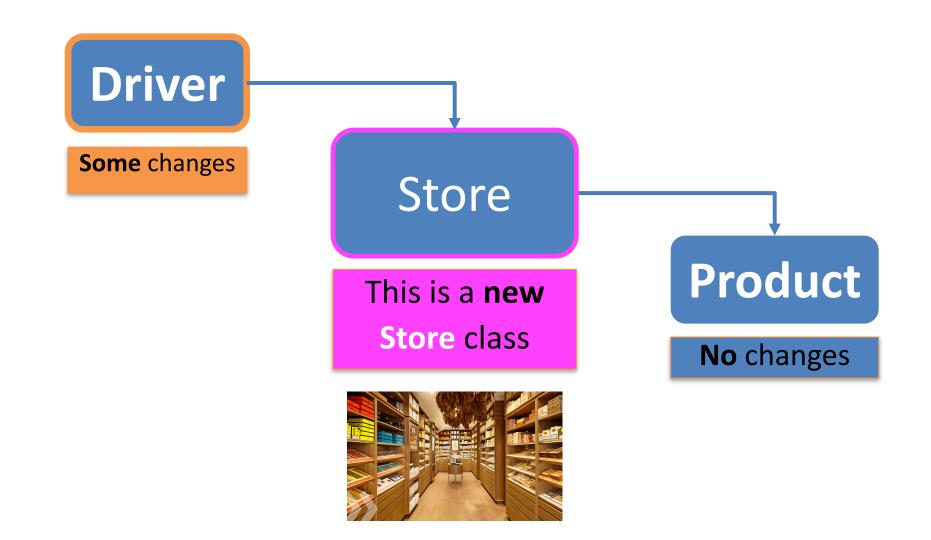
- creates a new Product object.
- **prints** the product object (to the console)

Shop **V2.0**

- New Store class is responsible for maintaining a collection of Products
 - i.e. an array of Products.
- Driver will now allow the user to decide how many product details they want to store.

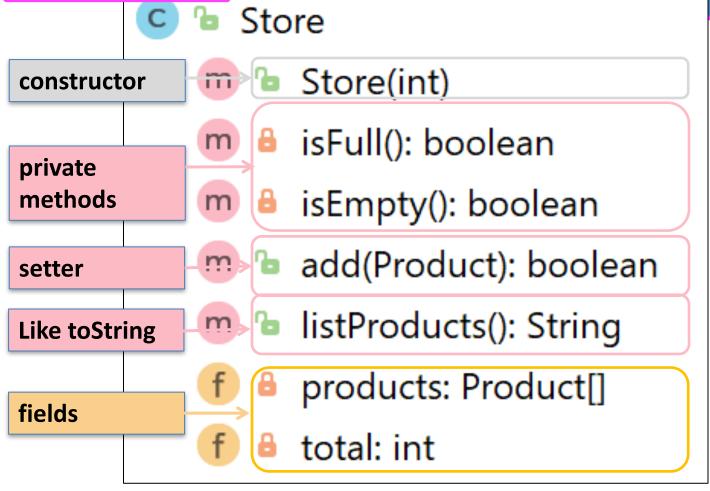


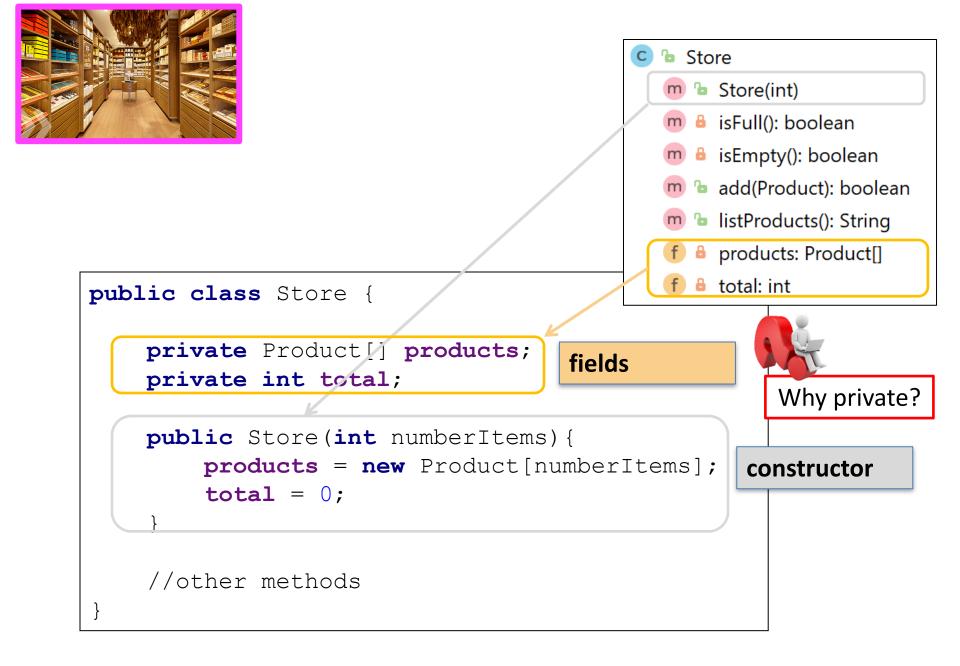
Shop V2.0 – changes to classes



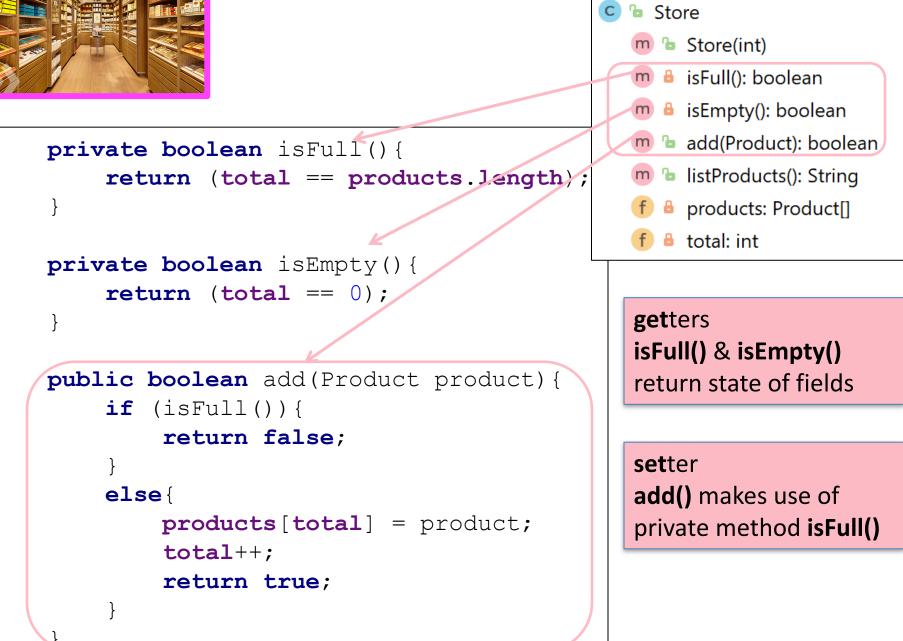


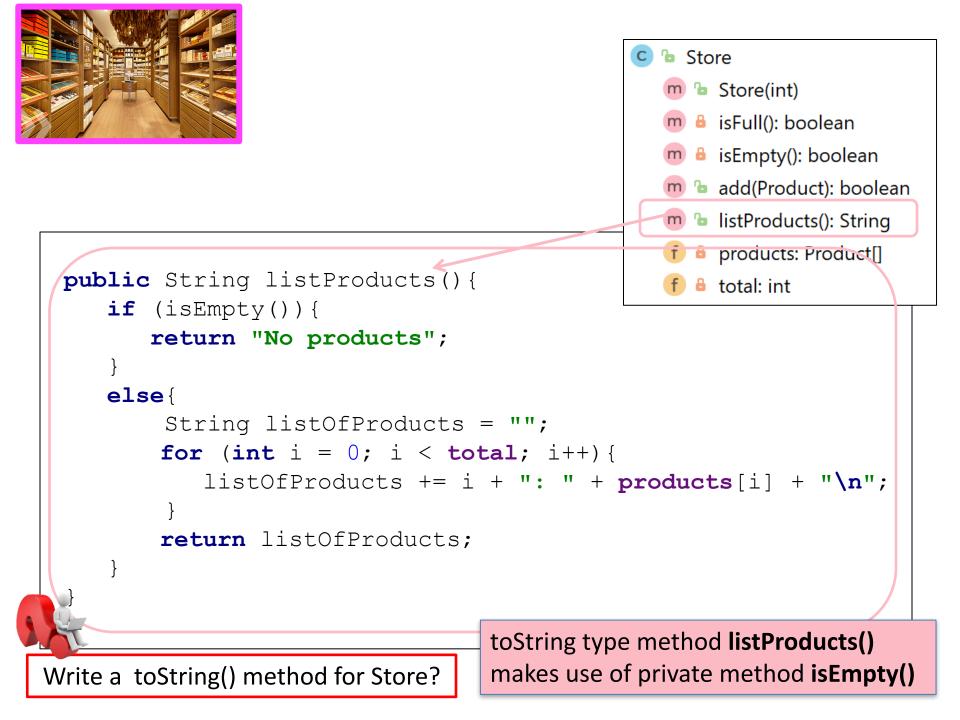
Store – new class

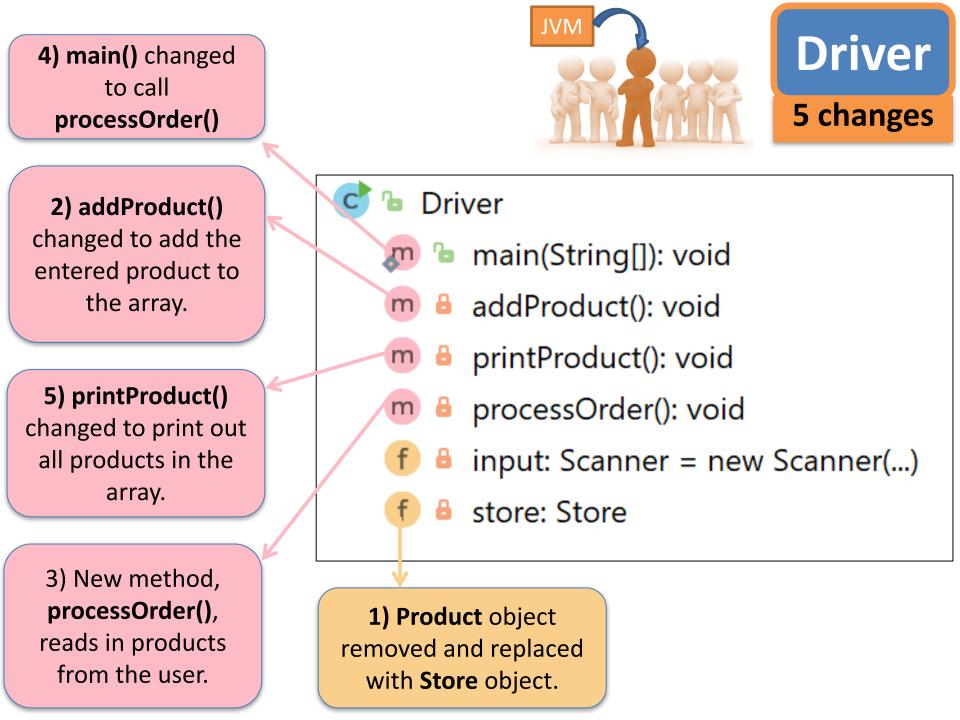


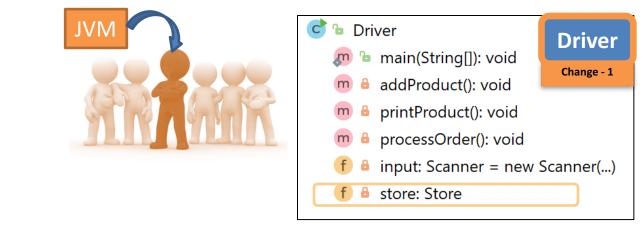


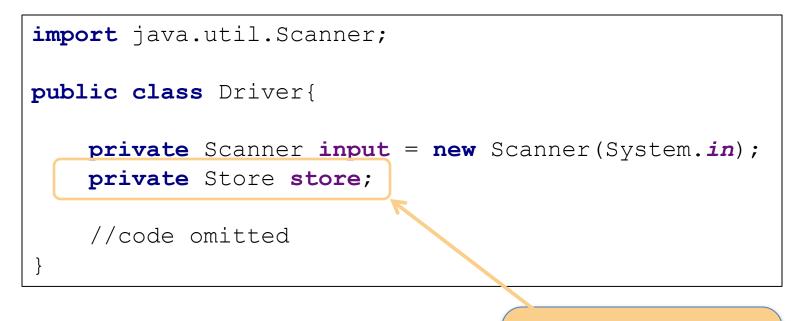




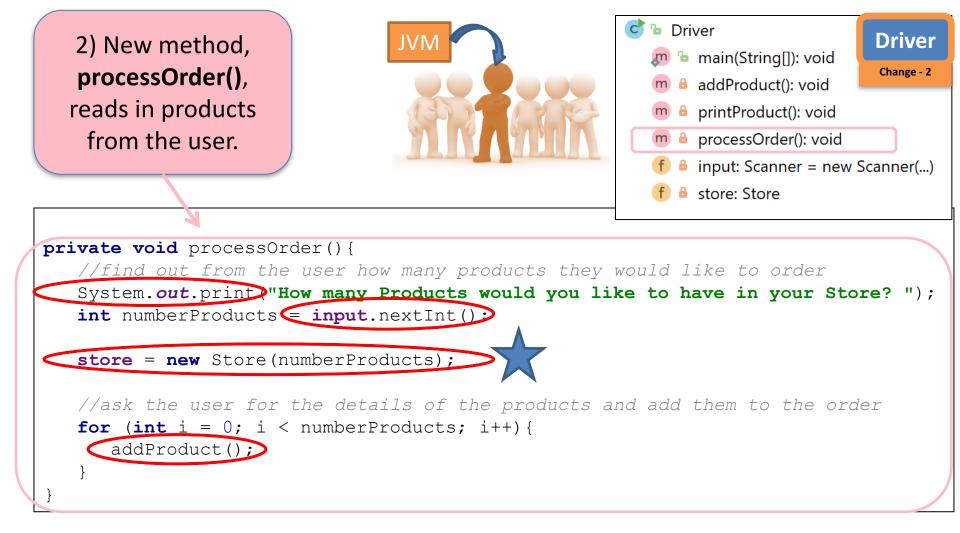




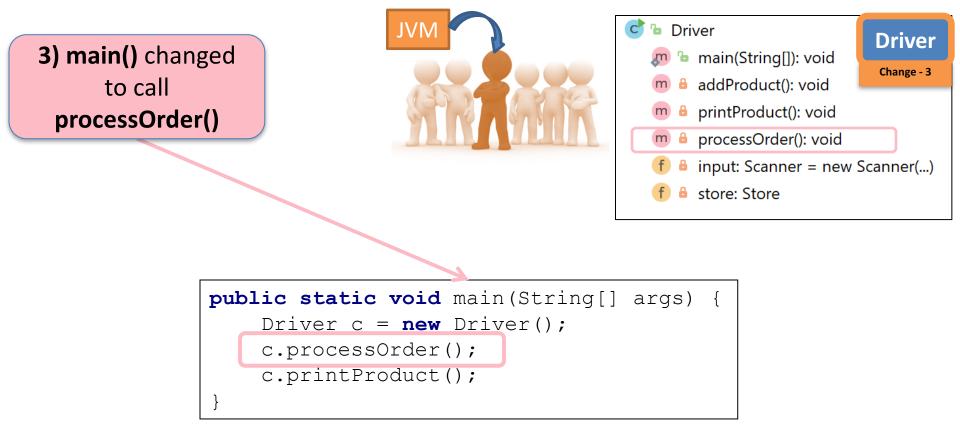


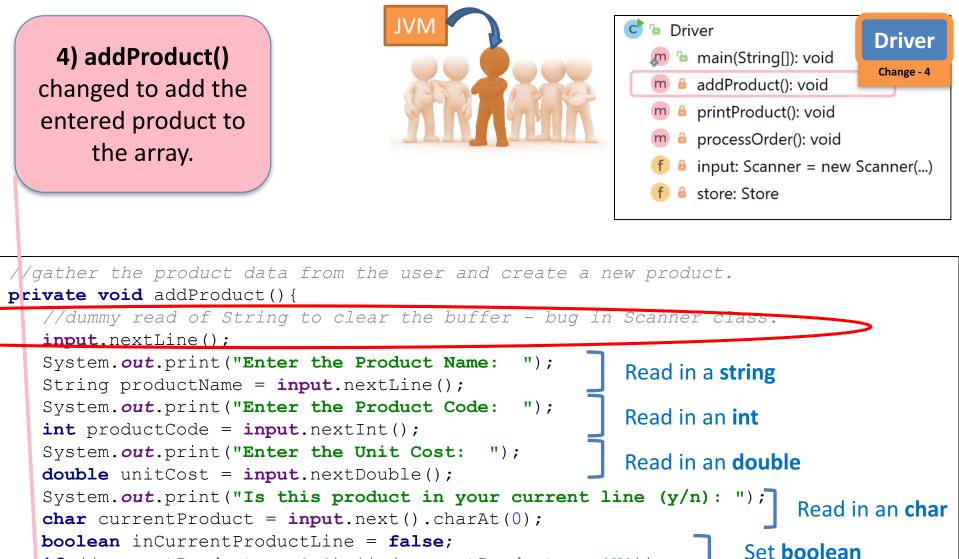


 Product object removed and replaced with Store object.



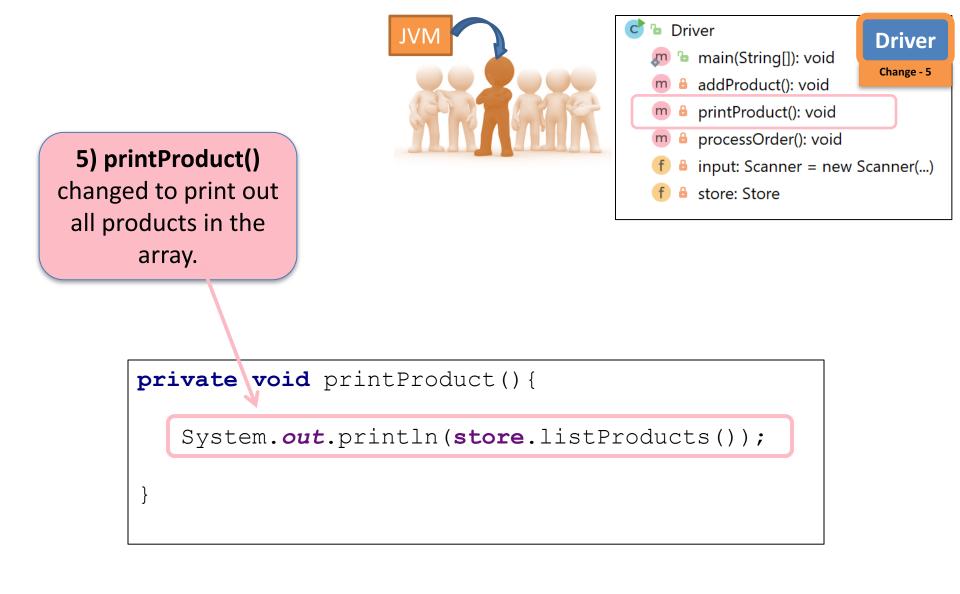
- Asks how many?
- Initialises the array to that size
- Calls addProduct() for each one

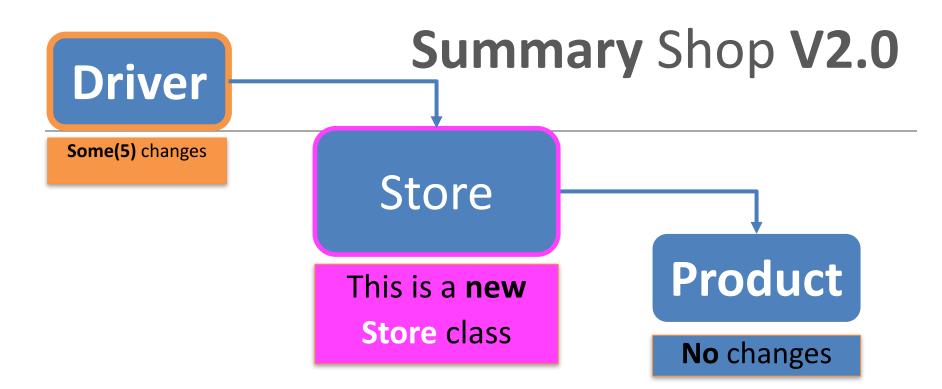




store.add(new Product(productName, productCode, unitCost, inCurrentProductLine));

based on char value





- Store class maintains a collection of Products i.e. an array of Products; store.Products[]
- Driver allows the user to decide how many product details they want to store. Methods updated to work with this new store.Products[] array

Questions?

