

Requirements

1. Edit the provided Main.java file so that it catalogs Items by category using a Map. The cataloging of the items should happen automatically when Items are created.
2. The Map you use should be static and of type Map<String, List<Item>>
3. The only change you are allowed to make to the Main.java file is to add a static inner class called Item.
4. Your Item inner class must have a toString() method that is used by the printItems() method to print the items.
5. You cannot make any changes to the main() method or the go() method. You are only allowed to edit the Item class.

Expected output

```
Hat [CLOTHING]
Shirt [CLOTHING]
Shoes [CLOTHING]
Nuts [FOOD]
Milk [FOOD]
Apple [FOOD]
Baseball [TOY]
Bat [TOY]
```