## Catalogue

Create a **class Catalogue**. The **\_\_init\_\_** method should accept the **name** of the catalogue. Each catalogue should also have an **attribute** called **products** and it should be an empty **list**. The class should also have **three more methods**:

* **add\_product(product\_name)** - add the product to the products' list
* **get\_by\_letter(first\_letter)** - returns a **list** containing only the products that start with the given letter
* **\_\_repr\_\_** - returns the catalogue info in the following format:   
  **"Items in the {name} catalogue:  
  {item1}  
  {item2}**

**…**

**{itemN}**"  
The items should be **sorted alphabetically in ascending order**.

### Example

|  |  |
| --- | --- |
| **Test Code** | **Output** |
| catalogue = Catalogue("Furniture")  catalogue.add\_product("Sofa")  catalogue.add\_product("Mirror")  catalogue.add\_product("Desk")  catalogue.add\_product("Chair")  catalogue.add\_product("Carpet")  print(catalogue.get\_by\_letter("C"))  print(catalogue) | ['Chair', 'Carpet']  Items in the Furniture catalogue:  Carpet  Chair  Desk  Mirror  Sofa |