PROBLEM STATEMENT

We will be starting a Consumer Store and the checkout system is currently like this:

ITEM_ID	NAME	PRICE
stv	Sony TV	$549.99
cac	Central AC	$1399.99
nsh	Nike Shoe	$109.50
mch	Charger	$30.00

As this is a new store, we would like to have opening day specials.

1. We have a 3 for 2 great deal on Nike Shoes. **i.e.** if you buy 3 Nike Shoes, you'll just pay the price of 2.
2. Sony TV will have a Bulk discount, where the price will drop to $499.99 each, if someone buys more than 4.
3. We will add an additional Charger free of cost with every Central AC sold

Build a system that is flexible enough to change the pricing rules whenever we want in the future(i.e. there should be a very minimal effort to change the rules) - **Make it as generic as possible**

Also, the Store checkout system can scan items in any order.

The interface should look something like this(example in Python):

```
co = Checkout(pricing_rules);
co.scan(item1);
co.scan(item2);
co.total();
```

Your task is to implement a system that based on the above conditions provides the final total checkout cost.

Example scenarios:

ITEM_IDs Scanned: nsh, nsh, nsh, mch
Expected total: $249.00

ITEM_IDs Scanned: nsh, stv, stv, nsh, stv, stv, stv
Expected total: $2718.95

ITEM_IDs Scanned: cac, mch, stv
Expected total: $1949.98

Notes on implementation:

1. Use Python, Julia, Go or Java
2. Develop everything as objects and implement concepts of OOP
3. Don't use any special libraries, use only the ones available directly in Python
4. Provide the instructions to execute the code in a separate Word/Markdown file.
5. When you finish, Zip all the files and send them across **or** upload the code to a public GitHub repo and share the link