Input:

#5 types of command
diner [Layer] [Name]
item [Layer] [Name] [Calories] [Protein] [Carbs]
printCalories
printProtein
printCarbs

Output:

After printCalories command:
    Print all diner and item in input order.
    Format: [Layer] number of '='(no space)[Name] [Calories](for item)
After printProtein command:
    Print all diner and item in input order.
    Format: [Layer] number of '=' (no space) [Name] [Protein](for item)
After printCarbs command:
    Print all diner and item in input order.
    Format: [Layer] number of '=' (no space) [Name] [Carbs](for item)

Comment:

[Layer] [Calories] [Protein] [Carbs] are all non-negative integers.
There's no space in [Name]

Please implement your main function in Class Main.
We'll test your program through "java Main inputFile"
e.g java Main sampleInput

Do not read input from System.in or hard code input file, or your program won't pass any test case.

Upload:

Please zip your source code and upload it.
The file name should be Team[teamID].zip. e.g. Team7.zip
The folder structure should be:

```
    unzip Team7.zip
=> [dir] Team7
=>          Team7/Main.java
=>          Team7/*.java (optional)
```

You won't receive any point if you didn't follow the directory structure or main class name or compressed format!

#**SampleInput:**
diner 0 Menu
diner 1 Seafood
item 2 Rolls 1000 0 100
item 2 Royce 1000 0 100
diner 1 Mark
item 2 MarkLiu 500 500 800
item 2 MarkLiuLiu 1000 600 1200
item 2 MarkLiuLiuLiu 2000 700 1600
printCalories
printProtein
printCarbs

#**SampleOutput:**
Menu
=Seafood
==Rolls 1000
==Royce 1000
=Mark
==MarkLiu 500
==MarkLiuLiu 1000
==MarkLiuLiuLiu 2000
Menu
=Seafood
==Rolls 0
==Royce 0
=Mark
==MarkLiu 500
==MarkLiuLiu 600
==MarkLiuLiuLiu 700
Menu
=Seafood
==Rolls 100
==Royce 100
=Mark
==MarkLiu 800
==MarkLiuLiu 1200
==MarkLiuLiuLiu 1600