Swiss Re

Coding Exercise for Java Developers

Your task is to:

Write a **simple** program whose output is formatted like a receipt you would receive at a supermarket.
The input to the program is a list of products the shopper wants to purchase (large coffee with extra milk, small coffee with special roast, bacon roll, orange juice)

Requirements:

Recently, a little coffee shop was opened a busy street corner.
The shop started off with a limited offering, with the option to expand her choice of products, as business goes.
Offering
- Coffee (small, medium, large) 2.55 CHF, 3.05 CHF, 3.55 CHF
- Bacon Roll 4.53 CHF
- Freshly squeezed orange juice (0.25l) 3.95 CHF
Extras:
- Extra milk 0.32 CHF
- Foamed milk 0.51 CHF
- Special roast coffee 0.95 CHF
Bonus Program
The coffee shop's aim is to attract as many regular's as possible to have a steady turnaround.
It was decided to offer a customer stamp card, where every **5th beverage is for free**.
If a customer orders a beverage and a snack, **one of the extra's is free.**

Important:
- The **only** libraries which can be used are Java SE (any version) and JUnit (any version)
- Test Driven Development (TDD) is the recommended approach. In any case the solution must have automated tests
- There is no Graphical User Interface required and no persistence. It's a **simple** program
- If you come across an ambiguous requirement, make a sensible assumption and proceed

Please deliver all artefacts, so the program and tests can be executed and make them available via Github (our Email server otherwise blocks attachments).