**Programming test Visma Software:**

Assume you are working for a software house producing applications for a wholesales retailers specialized in office furniture. Your clients needs software to support the process of importing goods and sell these to shops and chains. It is common to give rebates to customers based on various criteria like how much they sell, time of year, special deals etc.

Make a simple program for calculating the price of a product based on the following criteria: A list of products with standard prices, a list of customers with rebate agreements. **Explain how the program can be extended to cater for different rebate types like volume discount and special product offers**. Show the extension points with interfaces, inheritance or other well-known software patterns.

**Common description:**

Feel free to choose this being a desktop application or a web application, but we expect that you demonstrate reasonable use of the available language functionality for abstraction, interfaces, inheritance, and a good class structure and show a good programming practice. We are focused on code quality and good design, so it is nice if you add a design sketch. You will not be judged for correctness in the calculations or a fancy GUI:

When finished, please send the code to Seref Boyar, Software Architect email: seref.boyar@visma.com