

Elephant Carpaccio Exercise Sheet

Elephant Carpaccio is an exercise developed by [Alistair Cockburn](#) for slicing requirements into small, value-adding increments. This handout is an adaptation of the original exercise for a European business scenario and describes the task itself. The actual learning experience depends largely on effective facilitation, shared reflection, and the discussion of results.

1. Form teams of 2–3 people. One laptop per team.
2. Preparation – Each team writes down the demonstrable slices they intend to implement and present. Each slice should be achievable within 2–6 minutes. A slice must not consist solely of a UI mock-up, a database table, or a data structure. Every demonstration must show real input and output (no test harnesses).
3. Development – Fixed timebox of 40 minutes, divided into five 8-minute development sprints. The clock never stops. At the end of each sprint, each team demonstrates its product to another team. Teams must not present to the same audience twice in a row.
4. Debriefing – Joint reflection and discussion.

Product Requirements

The application shall:

- Accept three user inputs (**quantity**, **price** per item, Two-letter **country code**)
- Apply a **discount** based on the **order value**
- Calculate the **tax amount** based on the selected country and the **discounted order value**
- Display the **final price**

Tax Rates:		
Country	Country Code	Tax Rate(%)
Germany	DE	19
Netherlands	NL	21
Denmark	DK	25
Luxembourg	LU	17
Hungary	HU	27

Discounts:	
Discount	Order Value
3%	>= 1.000 €
5%	>= 5.000 €
7%	>= 7.000 €
10%	>= 10.000 €
15%	>= 50.000 €

Calculation Formula			
1	Order Value	=	Price * Quantity
2	Discount Amount	=	discount(Order Value)
3	Discounted Order Value	=	Order Value - Discount Amount
4	Taxable Value	=	Discounted Order Value
5	Tax Rate	=	taxRateForCountry(Country Code)
6	Tax Amount	=	Taxable Value * Tax Rate
7	Final Price	=	Taxable Value + Tax Amount