

Iteration 0

- 10 minutes to choose a partner and initialize your development environment
- Write a program that reads from the command line, accepts an entry and prints it

Iteration 1

- 10 minutes to wrote a simple register machine
 - 'Apples' cost 1€, 'Bananas' cost 1.5 and 'Cherries' 0.75
 - Accept each one of these words for each line in the command line (stdin)
 - Print the total cents in stdout each time

Acceptance Test

- Apples -> 100
- Cherries -> 175
- Cherries -> 250

Iteration 2

- 10 minutes to add a discount
 - The same input and output as last iteration
 - Every two cherries you save 20 cents

Acceptance Test

- Apples -> 100
- Cherries -> 175
- Cherries -> 230

Iteration 3

- 10 minutes to allow reading in CSV format
 - Accept values separated by commas
 - Same prices as in iteration 2

Acceptance Test

- Apples, Cherries, Bananas -> 325
- Cherries, Cherries -> 130

Iteration 3a

- No! Urgent business requirements! Same deadline.
- The shops of the chain have been notified of the delay in the CSV format
- The input format continues to be one element per line
- The cherries now have a 30 cent discount
- Bananas now have a “two for one” discount

Acceptance Test

- Cherries -> 75
- Cherries -> 120
- Bananas -> 270
- Bananas -> 270

Iteration 4

- 10 minutes to support i18n:
 - The stores continue to be notified about the delay in the CSV format
 - Cherries go back to the 20 cent discount
 - We have to support the words 'Pommes' and 'Mele' for Apples

Acceptance Test

- Cherries -> 75
- Pommes -> 175
- Cherries -> 230
- Bananas -> 380
- Bananas -> 380
- Apples -> 480

Iteration 5

- 10 minutes to support different discounts for different names:
 - The CSV change is coming in the next iteration
 - 3 x Pommes is on sale for 2 euros
 - 2 x Mele is on sale for 1.5 €

Acceptance Test

- Mele -> 100
- Pommes -> 200
- Pommes -> 300
- Apples -> 400
- Pommes -> 400
- Mele -> 450
- Cherries -> 525
- Cherries -> 580

Iteration 5a

- 10 minutes to support different discounts for different names:
 - NEW CHANGE!
 - 3 x Pommes is on sale for 2 euros
 - 2 x Mele is on sale for 1 euro

Acceptance Test

- Mele -> 100
- Pommes -> 200
- Pommes -> 300
- Apples -> 400
- Pommes -> 400
- Mele -> 400
- Cherries -> 475
- Cherries -> 530

Iteration 6

- 10 minutes to finish the CSV format and apply a super-discount:
 - Allow input in CSV and per line
 - 2 x Mele is on sale for 1.5 euros
 - Buy 4 Apples and save another euro
 - Buy 5 fruits and save 2 euros

Acceptance Test

- Mele, Pommes, Pommes, Mele -> 250
- Bananas -> 200

Acceptance Test

- Mele, Pommès, Pommès, Apples, Mele -> 150