

The Komputer Store

You are a new developer and in need of a computer! 💻

Build the following web application. Follow the guidelines but feel free to customize the app if you want. It **must** meet the minimum requirements prescribed.

Design

You can follow the wireframe provided or create your own design. Again, it must at least meet the minimum requirements.

CSS

Try to write the CSS yourself, it will be a great learning experience. However, you may use Bootstrap, Foundation or another CSS framework of your choice.

The application must have 3 main parts.

Komputer Store

Joe Banker

Balance200 Kr.

Get a loan

Work

Pay0 Kr

BankWork

Laptops


Intol Celeroon E10

Features:

It has a screen

There's a keyboard

(Some keys might be missing)



Intol Celeroon E10

This laptop will turn on! It is perfect for the first time user who likes to have a computer around!

1500 NOK

BUY NOW



1. The Bank

Balance

The bank shows a “Bank” balance in your currency. This is the amount available to you to buy a laptop.

Outstanding Loan (Only visible after taking a loan)

Shows the outstanding Loan value

Get a loan

The Get a loan button will attempt to get a loan from the bank. When the get loan is clicked, it must show a “Prompt” popup box that allows you to enter an amount.

Constraints:

1. You *cannot* get a loan more than double of your bank balance.
 - a. *i.e.* If you have 500 you *cannot* get a loan greater than 1000.
2. You *cannot* get more than one bank loan before buying a computer.
3. Once you have a loan, you must pay it back BEFORE getting another loan



2. Work

Pay

The pay amount in your currency. Should show how much money you have earned by “working”. This money is NOT part of your bank balance.

Bank Button

The bank button must transfer the money from your *Pay balance*, to your *Bank balance*. Remember to reset your pay once you transfer.

Constraint:

1. If you have an outstanding loan, 10% of your salary MUST first be deducted and transferred to the outstanding Loan amount
2. The balance after the 10% deduction may be transferred to your bank account

Work button

The work button must increase your *Pay balance* by 100 on each click.

Repay Loan button

Once you have a loan, a new button should appear. Upon clicking this button, the full value of your current **Pay** amount should go towards the outstanding loan and NOT your bank account.



3. Laptops

The laptops section has 2 parts.

Top right box:

3.1 Laptop selection

Use a select box to show at least 4 different laptops. Each laptop must have a unique name and price. You should find a way to store a name, price, description, feature list and image link for each laptop. The feature list of the selected laptop must be displayed here. Changing a laptop should update the user interface with the information for that selected laptop.



Message from The Guide Dog:

The laptops do NOT have to be in a database or any persistent storage. You may store it in a normal JavaScript variable.



3.2 Info section

The large box at the bottom or the *Info section* is where the image, name and description as well as the price of the laptop must be displayed.

Buy Now button

The buy now button is the final *action* of your website. This button will attempt to “Buy” a laptop and validate whether the bank balance is sufficient to purchase the selected laptop.

If you do not have enough money in the “Bank”, a message must be shown that you cannot afford the laptop.

When you have sufficient “Money” in the account, the amount must be deducted from the bank and you must receive a message that you are now the owner of the new laptop!

Have Fun!