

## Swedbank Front-End Developer Homework Task

**Goal:** Build a web page using HTML, CSS and Vanilla JavaScript using Web Components approach based on mockups.

There are assets and pictures provided with this homework. Anything not included should be created with CSS. All should be responsive and work on iOS (last two versions), Android (last two versions), Chrome, Firefox browsers on PC and Mac. ChatGPT or another AI tool is not allowed to use.

**As a result it should be functional and responsive page with several interactive elements.**

### Required elements that should be on the page:

- Page layout
- Header with logo
- Menu
- Section with form inputs
- Footer

### Details for menu:

- Hovering on the menu dims out the content (hover.png)
- Clicking on menu items changes content (1.png, 3.png)
- Selected menu items have different styles (1.png, 3.png)
- On small screens the menu goes under the “burger” icon which toggles menu visibility (hover\_mobile.png, 1\_mobile.png)

### Details for form:

- Form validation script should check the fields and display errors on form submit (1\_error.png)

### Details for responsiveness:

- The web page should be prepared for different screen sizes (1\_mobile.png, 3\_mobile.png, mobile\_hover.png)

There are more elements to create on the screenshots, that will be a bonus for the homework.

**Tabs:** Clicking on the tabs switches to the corresponding tab content.

### Calculator:

- User chooses loan amount using the slider. Period and interest are selected using dropdowns (2.png). You are free to choose how layout behaves on smaller screens.

The monthly payment calculation logic can be found here: [https://en.wikipedia.org/wiki/Time\\_value\\_of\\_money#Example\\_2:%20solving\\_for\\_the\\_payment\\_amount](https://en.wikipedia.org/wiki/Time_value_of_money#Example_2:%20solving_for_the_payment_amount)

**Good luck!**