# Webap 1 exam – part 1 - retake

Time allowed: **100 minutes.**

**Total points:** 24 points

Your goal in this exercise is to create a calculator, with buttons. Your calculator needs to have:

* An input for the value
* Buttons for decimal digits
* CLEAR
* EQUAL
* PLUS
* MINUS

Please check the provided example.

* Start with an empty HTML page.
* Add to the page the elements that create this calculator (**4 points**)
* Implement the CLEAR button (**2 points**)
* Implement the pressing of digits: whenever the user clicks any digit, add it to the input (**4 points**)
* Implement the +, - and = operations:
  + When the user presses the + or -, save the value from the input and the operation pressed into global variables. (**4 points**)
  + When the = button is pressed, use the saved value together with the current input value to compute the result and put it back in the input (**6 points**)
  + Check for possible errors and solve them – (**4 points**)

This test is made to evaluate the following competence (no 1):

Text

Description automatically generated