Write a program in assembly language to add the two numbers (-102 and -87). Inputs should be in decimal format. Store the result as hexadecimal numbers at address $6000. Print out the result in command output window in ***decimal***format. (Hint: use the trap function task #3). If an error (overflow) happens, you should also print out the error (overflow) message as well.

**You are not allowed to hardcode the two input numbers!**

**You should design your program to accept any two numbers as inputs!**

**You may ignore sanity check on corner cases, but assume user inputs are always in an expected format.**

Text

Description automatically generated

I am getting an overflow when adding -102 and -87 but all other operations are working properly.

Graphical user interface, text, application

Description automatically generated

When adding 3 and 4 – stored in memory location $6000