Practice Task 6

Points: 1. (3.4% of ВСК1)

Deadline: 26.02.2025, 23:59.

Submission: Through Canvas. Задания - Practice Task 6 - Attach file - Submit. If Canvas does not work, mail your task to me.

Tasks:

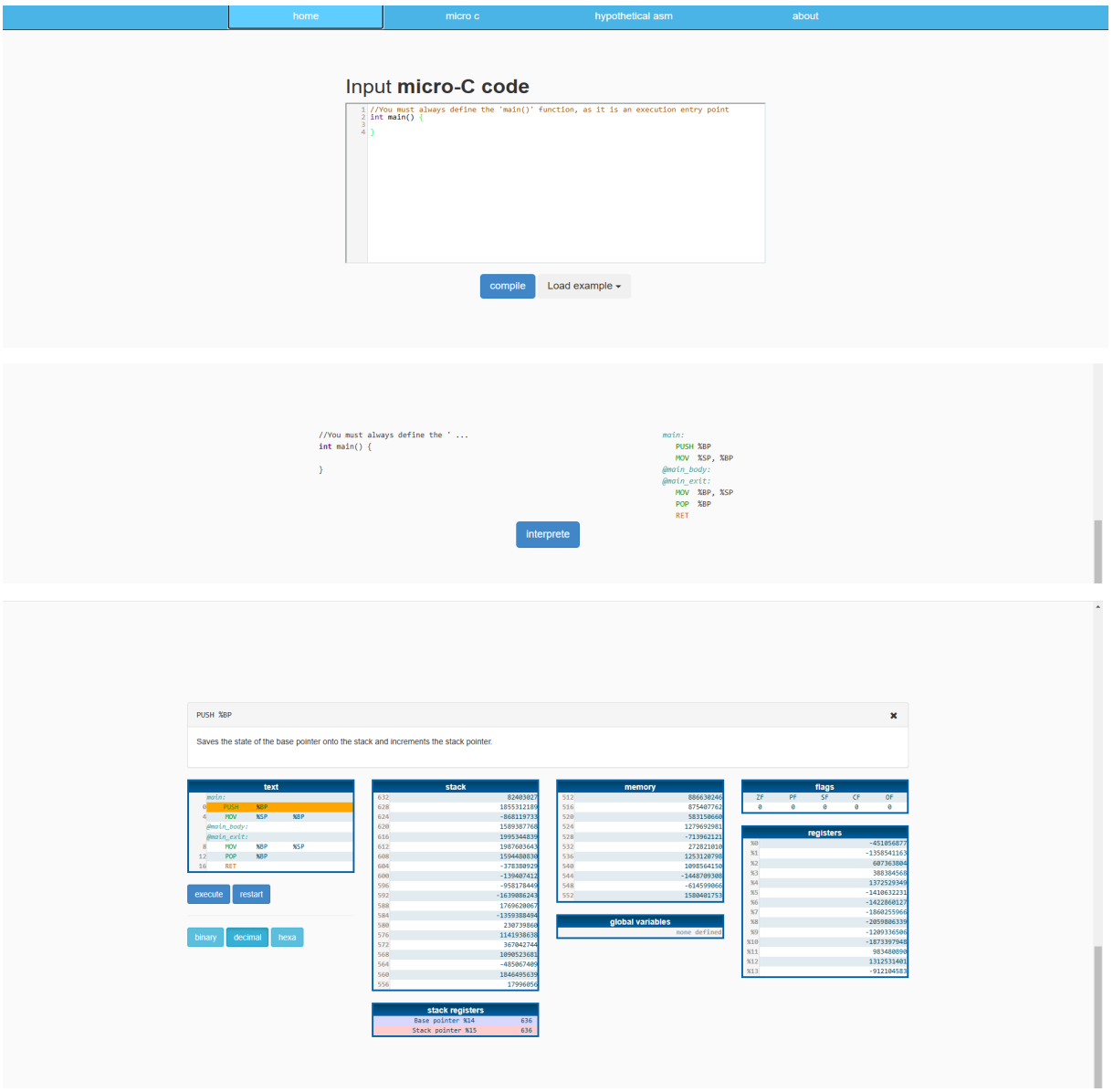
1. See the presentation named «Lesson #07 - Computer Architecture & Operating Systems - Practice».

2. Go to ctoassembly.com compiler (slide 11) and write the code provided in the presentation.

3. Study the scheme of memory allocation for code in presentation (slide 8) and memory allocation in the website.

4. Paste in file the screenshots of your code in assembler, its assembly version and memory allocation.

Example of three parts that should be in your screenshots as in presentation (should be filled with your code):



5. Explain what the assembly part of the code does in general and what does the stack, memory, global variable, stack registers, etc. contain in the last screenshot(e. g. stack contains local variables, etc.).