Unit 11_010 – Writing A Function

1. We have been using the `.globl` directive in our assembly language programs for the entire semester. Explain what the .globl directive does.

Unit 11_020 – Recap

Video Length

2. Is main: going to be a caller or a callee function?

3. In the previous video, were the quit: functions callers or callees?

4. What is the ABI?

5. For each of the following, write "R" next to registers that belong to the caller function, and "E" next to the registers that belong to the callee

   - %rax   _____
   - %rbx   _____
   - %rcx   _____
   - %rdx   _____
   - %rsi   _____
   - %rdi   _____
   - %r8   _____
   - %r9   _____
   - %r10   _____
   - %r11   _____
   - %r12   _____
   - %r13   _____
   - %r14   _____
   - %r15   _____
   - %rsp   _____
   - %rbp   _____
   - %rip   _____
   - %rflags   _____

6. In the previous question, why does ownership matter? Generally, who should save the register?

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