CMPS-2240 Take Home Quiz-8   name _____
Circle your short answers please.

1. What does this instruction do: **xor eax, eax**
sets eax to zero

2. What are the first three steps in the instruction execution cycle?
fetch, decode, execute

3. Which of these is not a general-purpose register? **EAX, ESI,** ESX, **ESP**

4. What special purpose does the ECX register serve?
loop counter

5. What registers point to variables on the stack?
ESP, EBP

6. The term bit is short for what?
binary digit

7. Convert this binary number to decimal: **100101**
37

8. The x86 AH register has how many bits?
8

9. The x86 AX register has how many bits?
16

10. Write an x86 function that will return the smallest of three numbers, and
    use the CDECL calling conventions.
Code was not graded.
We will talk about x86 calling conventions next week.
Purpose of the quiz was for you to learn by research and discussion.