

Quiz 1, CS 202(-001), Spring 2026

Please write your name below and answer all of the questions. The quiz has two sides.

Name:

Net ID (@nyu.edu):

1. How are you supposed to ask administrative questions in CS202?

Circle ALL that apply:

- a Email to the instructor's personal gmail
- b Email to individual NYU account of staff member most likely to know the answer
- c Email to course staff alias
- d Post on Campuswire
- e Questions are not permitted, only suffering is allowed

2. Which of the following components are part of the abstract machine that processes see?

Circle ALL that apply:

- a Program counter (or instruction pointer)
- b Frame pointer
- c Compiler
- d General-purpose registers
- e Functions
- f Stack pointer
- g Memory

3. Consider this C code excerpt:

```
int a[4];

a[0] = 0;
a[1] = 5;
a[2] = 25;

*a = *a + 1;

a[3] = *(a+1);

// COMMENT 1
```

What values are stored in array a when the program reaches COMMENT 1? (Do we know all of the values?)

4. Consider this assembly instruction:

```
call f
```

Which registers does this instruction directly modify?

5. Which statement best reflects the historical influence discussed in class and OSTEP?

Circle the BEST answer below:

- a Linux influenced Unix
- b Unix influenced Linux
- c Windows influenced Mac OS
- d Mac OS influenced Windows

6. Please state something that you are NOT looking forward to in this class. Any answer, except a blank, will get full credit.