

Quiz 1

COM S 113

February 1, 1999

Identifiers and Constants

Classify each of the following as a legal identifier, a constant (give the type), or “other”:

0XcLu	'3'	'\n'	'ab'	12N	until	For
xc10ul	24.0	24.L	24.Z	2.4e1f	then	break3

Next slide: What does this program print?

```
#include <string.h>
#include <stdio.h>
char school[] = "Cornell";
main() { int i, vowels = 0, nonvowels = 0;
    for (i = 0; i < strlen(school); i++)
        switch (school[i]) {
            case 'a': case 'e': case 'i': case 'o': case 'u':
                vowels++;
            default: nonvowels++;    }
    printf("'%s' has %d vowels and %d nonvowels\n",
        school, vowels, nonvowels); }
```