

C201 Review Questions #2

1) Predict the output from the following program.

```
#include <iostream>
using namespace std;

int main()
{
    int I = 123,
        N;

    _____ cout << I;
                N = 1;
    _____ cout << N++;
    _____ cout << ++N;
    _____ cout << ( N = I/10 );
    _____ cout << N % 9;
    _____ cout << ( N = 10 );
    _____ cout << ( N == 10 );
    _____ cout << ( 2*3/5+2 );
    return 0;
}
```

2) What output will be produced by the following code segment:

```
D = N = 6;
while ( --D > 1 )
    if ( N % D == 0 )
        cout << D << endl;
```

OUTPUT

3) What would the output be if "--D" were replaced with "D--"

4) Write a program to read a single sentence terminated by newline and tell user how many characters were typed, not counting newline. (use another page or back of this one)