

Name : _____

CS 100 Quiz #1

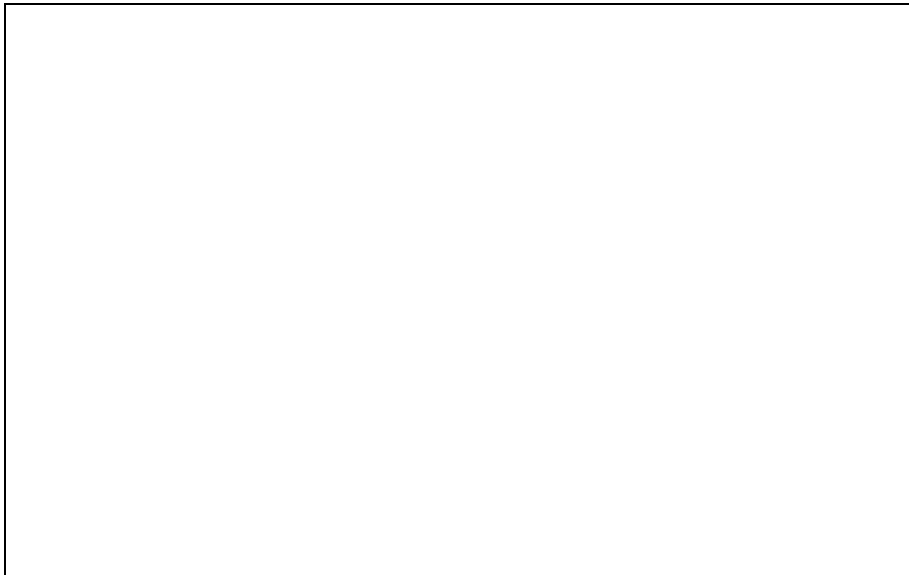
What is the output of the C program shown below when the user enters the values **2** and **4** as the program runs?

```
#include <stdio.h>

int main ( void ) {
    printf("Roll\nTI\nDE\n");

    int x, y;
    scanf("%d", &x);
    scanf("%d", &y);
    printf("%d and %d\n", x / y, y / x );

    return 0;
}
```



What is the output of the C program shown below?

```
#include <stdio.h>

int main( void ) {
    int a = 2, b = 4, c = 6;
    printf("%d and %d and %d\n", a, b, c);
    a = b + c;
    c = b + a;
    b = b - 1;
    printf("%d and %d and %d\n", a, b, c);
    a = c - b;
    b = b / a;
    c = a + b;
    printf("%d and %d and %d\n", a, b, c);
    return 0;
}
```

