What is the output of the C program shown below?

```c
#include <stdio.h>
int main(void) {
        int x=3, y=5, z=8;
        printf("%d and %d\n", z % y, x / y);
        if ( (x < y) && (y > z) )
                printf("Roll\n");
        else {
           if (y == z)
                   printf("Tide\n");
           else
                   printf("Alabama\n");
        }
        if ( (x+y) != z )
                printf("Crimson Tide\n");
        else {
                if ( z % 2 == 1)
                        printf("UA\n");
                else
                        printf("CS\n");
        }
        return 0;
}
```

What is the output of the C program shown below?

```c
#include <stdio.h>
int main(void) {
        int a=2, b=3, c=20;
        if ( a*b > c/b )
                    printf("A\n");
        else
                    printf("Z\n");

        if ( a < b && b < c ) printf("1\n");

        if ( a > b || b < c ) printf("2\n");

        if ( a * 2 == b * 3 ) printf("3\n");

        if ( a * b > c ) printf("4\n");

        if ( ( (c/b) / a) > 0 ) printf("5\n");

        return 0;
}
```