countdown.c

```c
#include <stdio.h>
// prints a countdown from 5 to 1 using a for loop
int main() {
    for (int i = 5; i >= 1; i--) {
        printf("%d\n", i);
    }
    return 0;
}

/*
 * output example:
 * 5
 * 4
 * 3
 * 2
 * 1
 */
```