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```
#include <stdio.h>

int main()
{
    int integer; /* integer input by user */

    printf( "Input an integer: " ); /* prompt */
    scanf( "%d", &integer ); /* read integer */

    /* test if integer is even */
    if ( integer % 2 == 0 ) {
        printf( "%d is an even integer\n", integer );
    } /* end if */

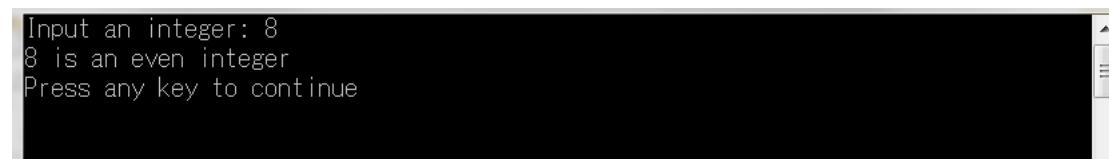
    /* test if integer is odd */
    if ( integer % 2 != 0 ) {
        printf( "%d is an odd integer\n", integer );
    } /* end if */

    return 0; /* indicate successful termination */
} /* end main */
```



The terminal window displays the following output:

```
Input an integer: 15
15 is an odd integer
Press any key to continue
```



The terminal window displays the following output:

```
Input an integer: 8
8 is an even integer
Press any key to continue
```