This program consists of two files, *main.c* and *mult.asm*. *main.c* is written in C, and *mult.asm* is written in assembly language.

*main.c* defines a function named *mult*, which takes an int as an argument and doesn't return anything. The *void PRE\_CDECL mult(int) POST\_CDECL*; prototype is used to declare that the mult function is defined in assembly language and has a C-compatible calling convention (CDECL stands for "C Declaration"). The main function prompts the user to input a number and then calls the *mult* function with the user-specified number as its argument.