Prime Number Identification

Write a program in 68000 assembly language to read an integer number (in the range 1 through 65535) from the keyboard and then determine whether or not it is a prime number. If it is a prime number then display the message "IT'S A PRIME NUMBER", otherwise display "IT'S NOT A PRIME NUMBER". Your program must be well documented.

(Note: A prime number can be divided only by itself or 1 )

You must turn in the following:
a) A print out of the source program. (Your program must be well documented)  
b) Submit your source code using a 3.5" Floppy.