HW0407

1.Filesystem tests:

perform a stat(2) system call and check the system header file.

This way, the file command determines if the file is a common type for your system.

2.Magic tests:

use short string of numbers stored near the beginning of the file ("magic number") to test if the file is a binary executable and, if so, determine its type. The information needed to perform these tests is stored in /etc/magic or /usr/share/misc/magic from a compiled magic file.

3.Language tests use a special tag to determine which programming language a binary executable file is written in.