

A1Q1
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Question 1

1.
 1. Program Execution – Allow user to run program without worrying about anything
 2. I/O Operations – Hides the details of underlying hardware for the I/O
 3. File System Manipulation – Writes files or takes input from a file
 4. Error Detection – Monitors the system for detecting errors

source: <http://www.personal.kent.edu/~rmuhamma/OpSystems/Myos/sysService.htm>

2.
 1. Computers
 2. Smartphones
 3. Servers
 4. GPS
 5. Smartwatches
 6. Cash registers
3. Volunteers trying to document the whole Linux environment/OS, hardware, etc. to freely distribute them via the internet

4.

Number of people: 67 millions
171 countries
Top 3 countries: USA, Germany and Italy

5.
 - a) Lists all files in long format
 - b) lpr sends a print request, -P is used to specify the name of the printer, w is used to specify the width of the page, p is used to format the file and r removes the file upon completion
 - c) Adds the read, write, and execute permissions to the file's group for all the files
 - d) Lists the files in long format, pr converts text files for printing and lpr send a print request