

## Self Learning Utilities for Lab Test

Understand the concept of static, dynamic library and how can it be developed. Also how to automate some of the day today work by using Linux/Unix utilities available in the system. In addition to the knowledge of basic commands, you have to know in detail of the following utilities.

**make:** a program that accepts a specification of the inter-dependencies of the various modules of the programs.

**bash:** a Linux shell useful to create commands and to automate some task of day today life.

**awk:** pattern scanning and processing language.

**sed:** stream editor for filtering and transform.

**grep/fgrep:** print lines matching a pattern.

**ranlib:** generate index to archive.

**ar:** create, modify, extract and maintain library archives .

**cut:** remove sections from each line of files

**find:** search for files in a directory hierarchy.

Also understand glob and regular expression. For details use of the above utilities, type `man <utility>` for e.g. to know details of make, type

`man make`