UNIX Startup:

* Pushing reset button loads the PC with the address of a small bootstrap program
* Bootstrap program loads the boot block (disk block 0)
* Boot block program loads kernel from disk
* Boot block program passes control to kernel
* Kernel handcrafts the data structures for process 0

The first process that starts is init

The shell is an application program that runs program on behalf of the user.

Shell Programs

A shell is an application program that runs programs on behalf of user

– sh – Original Unix Bourne Shell

– csh – BSD Unix C Shell, tcsh – Enhanced C Shell

– bash – Bourne-Again Shell

– ksh – Korn Shell