

Basis

1) Developed

By

2) Aliases

3) Command History

4) Job Control

5) Argument List

Built-in arithmetic

Bourne Shell

It was developed by Steve Bourne

Aliasing feature is not supported by Bourne Shell.

It doesn't support Command History.

It doesn't allow for Job Control.

Bourne Shell can cope with large argument list

It doesn't allow for arithmetic evaluation

C-shell

It was developed by Bill Joy.

It allows aliasing of commands i.e., you can decide what name you want to call a command by. This is useful for lengthy commands.

It supports command history, i.e., it will remember a number of previous commands typed by the user, a feature similar to DOSKEY in MS-DOS.

It supports Job-Control, i.e., if a long process has been started in foreground, it can be moved to background and then another task can be started.

It can't cope with large argument list.

It allows for arithmetic evaluation i.e. arithmetic expressions can be evaluated +, -, etc.

① No Clobber Ability

It does not support No Clobber option.

It supports No Clobber option to avoid overwriting existing files with output redirection

② Input/Output Redirection

It supports Input/Output redirection

It doesn't support Input/Output redirection.

③ User-startup files.

It can't avoid user-startup files.

It can avoid user startup files.

	(Bourne) sh	(C) csh	(Korn) ksh
① Developed by	Steve Bourne	Bill Joy	David Korn
② Aliases	N	Y	Y
③ Command history	N	Y	Y
④ Job Control	N	Y	Y
⑤ Arg Can cope with large argument list.	Y	N	Y
⑥ Built in Arithmetic evaluation	N	Y	Y
⑦ No Clobber Ability	N	Y	Y
⑧ Input/Output redirection	Y	N	Y
⑨ Avoid user startup files	N	Y	N
⑩ Default user-prompt	\$	%	\$
⑪ No. of args	\$#	\$#argv	\$#

Environment variables are:-