OS Lab

Assignment-1
Shell Programming

Shell Scripts

❖ Extension of shell script file is .sh

❖ A shell script is executed as
   ./<scriptname>

❖ The first line of a shell script should be a comment of the form
   #!/bin/sh

❖ A shell script must be readable and executable
   chmod u+rx <scriptname>

<scriptname>=test.sh

Shell Script Example

Here is a "hello world" shell script:

```
#!/bin/sh
# comment lines start with the # character
echo "Hello world"
```

Hello world

Basic shell commands

cd   change current directory
ls   list and generate statistics for files
chmod   change file mode
mkdir   make a new directory
cp   copy file data
pwd   print working directory
grep   search file for regular expression
head   give first few lines
tail   print last lines from file