*UNIX – Shell Scripting*

Practice Handout - Lecture 4

1. Write a shell script ( file\_check.sh ) which take directory\_path and filename as argument
2. Check if the first argument is a directory.
3. If directory exists check if second argument as a file exists.
4. If file exists and it’s a file check if it is blank.
5. If it is a blank write some content (ex: “programming a fun stuff.”)
6. If it is not blank read the content of file.

Help for reading a file :

while read line

do

echo $line

done <$2

1. Write a shell script (welcome.sh) and should accept two arguments “First Name” and “Last Name”. The script output should validate if the script has two arguments.
2. If the script do not have expected number of arguments the output of the program should be : Argument Mismatch - Usage: ./welcome <First Name> <Last Name>
3. If the argument validation passes : the output should be:

Script Name : welcome.sh

Number of Arguments : 2

Process id : <process id value>

Welcome to unix shell scripting Mr. <First Name> <Last Name>

1. Write a shell script which accepts more than 9 arguments. Store all the arguments in an array variable. ( ./myarguments.sh I am learning unix and want to automate my tasks of storing the backup of files). Also create two sentences using the arguments.

Output :

My array has this : I am learning unix and want to automate my tasks of storing the backup of files

Sentence 1 : I am learning unix

Sentence 2 : want to automate my tasks of storing the bckup of files.

1. List down all the special variables and there meaning.
2. Write down a program which expects a directory path as arguments and list down all the files inside it.