*UNIX – Shell Scripting*

Practice Handout - Lecture 2

1. What are local variables and how are they different from environment variables. Define some local variables in terminal 1 and try to use them in new terminal. Are you able to access the user defined variable in new terminal( hint : every terminal has its own bash process running)
2. What is shell scripting? How is scripting language different from programming language. Which environment variable let you know that on which shell you are working.
3. What are different types of profile files? What is sourcing a profile and how you source it?
4. Explore commands – read, readonly , unset, echo and exec .
5. Write a shell script: - Take input from user asking his Full name. After user input his name display user a message. “Hi Mr <Full name>, Welcome to Unix Shell Scripting”.
6. In Unix what are operators and how are they classified.
7. Write and memorise the syntax for conditional statement ( IF statement)
8. Write and memorise the syntax for loop statements (while, until, for, case and select)
9. What are controls in Loop and when they are useful?
10. Solve the shell script assignments given to you.