

System Programming (Refreshers Module)

Assignment 3

Write a simple shell. Basically your shell should print a prompt like name of your machine followed by prompt character eg: kiowa> , read the line from standard input, parse the line with command and arguments, and execute the command with arguments. You should use fork and exec system calls.

- You are not allowed to use system function in the standard library. If used then it will award you 0 marks.
- You may assume that arguments are separated by white spaces. You do not have to deal with special characters such as ' , " , \ , < , > , etc. One exception is the pipeline character (|).

Marks : 10

Submission: Upload a single archive file including all of your files on Backpack, naming convention: RollNo.zip