Assignment 1

Course Name: Operating System Concepts

Topic: Process time shorting and information showcasing

Programming Language: BASH

Deadline: July 27, 2017

Time: During Class Hour

Problem 1: Write a bash function named ***sortingProcessTime***(), which takes *n* number of **process id** and **execution time** from user terminal and print out the **descending order sorted** process list based on their execution time.

Problem 2: Write another function named ***showingProcessList***(), which gets all the process information using Linux ***top*** command. You may store the result of top command into a text file and then execute your task. Finally you have to show only the four information about all process in executing phase. A snapshot of final output will be below:

pid	user	cpu (%)	command
19001	root	1.2	kile

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