

National University of Computer & Emerging Sciences, Karachi Fall-2018 CS-Department



Lab Mid

Course Code: CL205	Course Name: Operating Systems Lab	
Instructor Name: Sumaiyah Za	ahid	
Student Roll No:		Section:

"Be willing to take a chance, because you never know how perfect something could turn out to be."

BEST OF LUCK!

Instructions

• Rules are made to break them. So, invent yours and I'll break.

Time: 60 minutes. Max N	larks: 40 points	S
1.Create shortcut of the directory 'mid' which is in 'home/user/['/home/user/Desktop'.	(5 marks) Document/OS'	in
2. Display the contents of 'file1', 'file2' and 'studentList' files.		
3. Create a write-only file in your home directory.		
4. Copy all files in the current directory whose names end in ".c" or ".h" into "Programs".	o the subdirect	tory
5. List all files with extension '.mp3' present in a directory 'song' which is in '/home/user/Document/Music'		
Differentiate between "sh" and "bash".	(2.5 marks)	_ _

Vrite a shell script to rename file having extension .png to .jpeg	(3 marks)
With a function in shall perinting called plier which multiplies together a seg	····anae of numbers
Vrite a function in shell scripting called plier which multiplies together a seq	uence of numbers. (4.5 marks)
output: 48	
Vrite a shell script to list all the files of the current directory having read and ser.	d write permission to the discription (5 marks)

B C D
(10 marks)

Write a c program for this process tree.

Each node will print its name but by not using printf().

1. 2.
3. System call for named pipe is System call for unnamed pipe is
Explain functions and their arguments: msgrcv(msgid,&msg,sizeof(msg),1,0);
retval = read(fd, buffer, sizeof(buffer));
write(1, buffer, sizeof(buffer));
Bonus Question: Write anything which proves me you are a Linux User. Bonus marks depends on your creativity.