

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	ζ.
Time: 60 minutes.	Max Marks: 40 points
Display lines from planets.txt which has the term 'earth' in the line	(5 Marks) e and put the output to the file
'search_result.txt'	
Copy the contents of the file 'datum.txt' to a file datum_copied.txt	
Create a read-only file in your home directory.	
4. List the files in the directory "/etc" that have "network" in their string	gs.
5. Copy all files in the current directory whose names end in ".c" or ". "Programs".	h" into the subdirectory
Differentiate between "sh" and "bash".	(2.5 marks)

rite a Bash program that prints the number of arguments provide e first argument provided to the program.	(3 marks)
rite a Bash script that takes two arguments. If both arguments herwise just print both arguments.	are numbers, print their su (4.5 marks)
rite a script to find out String is palindrome or not.	(5 marks)

Each node will print its name and PID but by not using printf(). (10 marks)	٩	5	{
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Write a c program for this process tree.

1. 2.
System call for named pipe is
System call for unnamed pipe is System call for generating key is
Explain functions and their arguments: shmid = shmget(key, MAXSIZE, IPC_CREAT 0666)
msgsnd(msgid,&msg,sizeof(msg),0)
'' (C.I.I. CC. ' C(I. CC. ')
write(fd,buffer,sizeof(buffer));
Bonus Question:
Bonus Question: Write anything which proves me you are a Linux User. Bonus marks depends on your creativity.