 **BAHRIA UNIVERSITY (KARACHI CAMPUS)**

**ASSIGNMENT # 1 - FALL 2020**

# Operating Systems (CSC-320)

Class: **BSE 4 A&B** Submission Deadline: **17/18 March, 2020**

Course Instructor: **Dr. Osama Rehman**

Lab Instructor: **Engr. Fareeha Dilawar** Max Marks: **10**

1. Study and implement pipes in Linux. List down three examples with outputs attached in the screenshots.
2. Write a C program that asks users to provide an integer input in the main() function. The program would call a function even\_odd() from the main() function, where the function even\_odd()accepts an integer as an argument, determine and display if the passed integer is either even or odd.
3. Study and implement system calls in Linux. List down three examples with output screenshot attached.
4. Learn and implement First Come First Serve (FCFS) scheduling algorithm in C language.
5. Think and propose two projects that can be delivered as the final lab projects in Operating Systems lab. The ideas must be valid and should be explained with research topics and examples.

Take **Note**:

* If you submit your assignment after the given deadline then **2 Marks** will be deducted for the late submissions.
* Copied assignment will be marked **zero (means zero plagiarism)**.

If you have any query, feel free to contact at: fareeha1810@yahoo.com