## National University of Computer and Emerging Sciences



## **Laboratory Manual**

for

#### **Operating Systems Lab**

(CL 220)

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# **Lab Topic:**

I/O Redirection

# **Lab Objectives:**

• Input, output redirection using Dup, Dup2 system calls.

# **Inlab Questions:**

# Question 1:

(I/O REDIRECTION using filing)

Write a program that takes that reads an input from file input.txt rather than keyboard and sum all the digits and write the sum to a new file output.txt rather than console.

(Hint: use Dup system call)

Q2: Write a shell script that performs the task of the below shell command.

man ls | grep ls > file.txt