



# Birla Institute of Technology & Science, Pilani

Pilani Campus

## I SEMESTER 2020-2021

### LAB-2 EXERCISE

**Course No.:** IS F462

**Course Title:** Network Programming

**Deadline:** 20 Oct 2020

**Maximum Marks:** 20M

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Write a program diningphilosopher.c for the following requirement.

- it takes N number of philosophers as CLA and creates N processes modelling each philosopher as a process
- should continuously give chances to the maximum possible number of philosophers to eat
- it should print the process id which gets to eat.
- Program should run until Ctrl-C is pressed.

Files Expected: A tar file <idno>\_lab2.tar containing diningphilosopher.c and makefile to compile your program.

Upload in [Canvas](#).