NATIONAL UNIVERSITY
OF COMPUTER & EMERGING SCIENCES
PESHAWAR CAMPUS

Problem Set:	Assignment 06	**Semester**:	Spring 2022
Points:	10		
Date Set:	See Slate	**Due Date**:	See Slate
Course:	CS2006 Operating Systems	**Instructor**:	Nauman

1 Tasks

You have already worked with *multithreading* using the C library pthreads. In this assignment, you are going to look at *multiprocessing* using Python.

1. Take a look at official docs for Python multiprocessing here: `https://docs.python.org/3/library/multiprocessing.html`

2. Reproduce the code given in the section titled, "The Process Class".

3. Currently, only a single process is being created instead. Modify the code so that 3 processes are created. Make sure your output clearly demonstrates that there are three processes.

4. Briefly write an explanation of how the Process class works. Your explanation should not be more than 3 lines long.

2 Submission

Provide screenshots of everything you have done in one PDF file. Other formats will not be accepted and you will get no credit if you provide another format.

Include detailed screenshots of your working and at the end, include concise answers to the questions posed above.