

## **CS 307: Systems Practicum**

### **Activity 2: Processes**

**To be done in class groups; due: before the end of the class on 25 Jan 2024**

Q1. Using fork() create a parent process, and three child processes [1]

Q2. Start a process and check whether the process is alive? [1]

Q3. Please runs two child processes and print their Id and their parent's Id [1]

#### **Optional Bonus: +1 points**

Q4. As done in the lecture, please create a pool of processes and do the following: [1]

1. Increase the passed value by N, where N is accepted from the user.
2. Compute  $X^Y$  for user defined X and Y.
3. Multiply  $X*Y$  for user defined X and Y.