Cycle - 2

1. **Experiment No : 2.1**

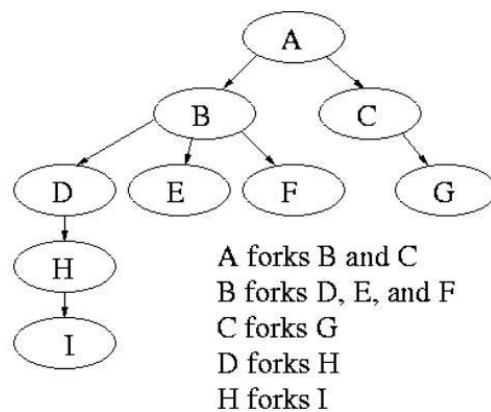   Familiarization of various system calls in LINUX operating system

   Fork(), exec(), getpid(), exit(), wait(), close(), stat(), opendir(), readdir()

2. **Experiment No : 2.2**

   Program to accept the limiting value 'n'as input and generate the Fibonacci sequence of n numbers using the child process while the parent process generate the first n prime numbers

3. **Experiment No : 2.3**

   Generate an N level hierarchy of processes and also display the parent id of process.

   A forks B and C
   B forks D, E, and F
   C forks G
   D forks H
   H forks I

4. **Experiment No : 2.4**

   Write a program to create four processes (1 parent and 3 children) where they terminate in a sequence as follows:

   (a)Parent process terminates at last

   (b) First child terminates before parent and after second child.

   (c) Second child terminates after last and before first child.

   (d) Third child terminates first.