Semester: 5th   **Session: 2019-23**

Section: A/B/C

Assignment-4 (Individual)

Submission Date: Next Lab (Before 08:00 AM)
Note: Understanding the assignment is part of the assignment.

AIM:

To load an executable program in a child processes exec system call.

ALGORITHM:

1. Create a text file named myInfo.txt in which write "My name is _____ (YOUR NAME) and my roll number is _____(YOUR ROLL NUMBER)".

2. Create a file named "readFile.c". In this program read this text file (myInfo.txt).

3. Now create a new file named "forkExec.c". In this program create a child process and, in that child, load the program "readFile.c".

4. If return value is -1 then

      a. Print "Process creation unsuccessful"

      b. Terminate using exit system call.

5. Stop.

Hints:

#include <unistd.h> /* for fork */

#include <sys/types.h> /* for pid_t */

#include <sys/wait.h> /* for wait */