**Lab2 – Process Management:**

1. Write a program to get the and print the following process identifiers, Process Id, Parent process Id, user id, group id.
2. Run the following program.

Void main()

{

printf(“\n I'm forking a child process\n”);

fork();

printf(“Who am I ? child or parent ? My Id process:%u\n”,getpid());

}

3. Modify the above program, which identifies the process as parent or child based on the return value of fork() and displays all the process identifiers.

4. Write a program in which parent forks a child process. Parent displays a message informing that he is going to wait for the termination of child process. Next parent calls the wait function. The child process implements a while(1) loop. In this loop it reads a string from standart input. Compares the string with “exit”. If it matches, child terminates using exit() call.For any other it simply displays the string.

5. Write a Program, that accepts basic shell commands from the user.[hint: use exec() sys call and basic command path is /bin/].