Lab Experiment 2

1. Write down a program which works like a scientific calculator and performs following operations
   1) Floating point calculations
   2) Trigonometric operations
   3) Logarithms
   4) Exponent etc.
      (Hint : Use awk and bc)

2. Find out following files on your machine.
   a. Biggest file, if more than one exists than list them
   b. Smallest file, if more than one exists than list them

   Process Creation

3. Run all the programs related to process creation/termination shown in the lectures (Also given at ftp).

4. Create one child process and make sure that child process runs first and then parent executes and vice versa (if it is possible).

5. Create one child process and make it as zombie. (Use sleep(time);)

6. Use a pipe and write data into a file (in parent) and read the same file again in child. It is similar to pipes you have been using in shell commands. (Use pipe(fd);)