



















C Program Forking Separate Process

```
int main()
        {
           pid t pid;
           /* fork another process */
          pid = fork();
           if (pid < 0) { /* error occurred */
                fprintf(stderr, "Fork Failed");
                exit(-1);
           }
           else if (pid == 0) { /* child process */
                execlp("/bin/ls", "ls", NULL);
           }
           else { /* parent process */
                /\,\star\, parent will wait for the child to
                   complete */
                wait (NULL);
                printf ("Child Complete");
                exit(0);
           }
        }
uter Science Dept Va Tech August 2007
                               Operating Systems
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```

Processes 11



