/*distinguish parent from child process*/

```
#include  <stdio.h>
#include  <sys/types.h>
#include <unistd.h>
#define   MAX_COUNT  5
void  ChildProcess();              /* child process prototype  */
void  ParentProcess();             /* parent process prototype */

void  main()
{
    pid_t  pid;

    pid = fork();
    if (pid == 0)
        ChildProcess();
    else
        ParentProcess();
}

void  ChildProcess()
{
    int   i;

    for (i = 1; i <= MAX_COUNT; i++)
        printf("   This line is from child, value = %d\n", i);
    printf("   *** Child process is done ***\n");
}

void  ParentProcess()
{
    int   i;
```

```
    for (i = 1; i <= MAX_COUNT; i++)
        printf("This line is from parent, value = %d\n", i);
    printf("*** Parent is done ***\n");
}
```