P1.c

1 #include<stdio.h>

2 main()

3 {

4 int i;

5 for(i=0;i<2;i++)

6 {

7 fork();

8 printf("hello..\n");

9 }

10 while(1);

11 }

P2.c

1 /\*

2 break the loop at child code causes single parent will have multiple child

3 process\*/

4 #include<stdio.h>

5 main()

6 {

7 int i;

8 for(i=0;i<5;i++)

9 {

10 if(fork()==0)

11 {

12 printf("in child ->pid:%d ppid:%d\n",getpid(),getppid());

13 break;

14 }

15 else

16 ;

17 }

18 while(1);

19 }

P3.c

1 /\*Break the loop at parents code causes single child for each parent that is

2 chain of parent and child

3 x------>x+1

4 x+1---->x+2

5 x+2---->x+3

6 \*/

7 #include<stdio.h>

8 main()

9 {

10 int i;

11 for(i=0;i<3;i++)

12 {

13 if(fork()==0)

14 {

15 printf("in child ->pid:%d ppid:%d\n",getpid(),getppid());

16 }

17 else

18 break;

19 }

20 while(1);

21 }