Code

#include <stdio.h>

#include <unistd.h>

#include <sys/types.h>

int main()

{

int f1,f2,f3,f4,f5,f6,f7;

//First Fork

f1 = fork();

//Left side

if(f1 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

f3 = fork();

if(f3 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

}

if(f3>0)

{

f4 = fork();

if(f4 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

}

}

sleep(20);

}

//Right Side

if(f1>0)

{

f2 = fork();

if(f2 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

f5 = fork();

if(f5 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

}

if(f5 > 0)

{

f6 = fork();

if(f6 == 0)

{

printf("Child :: %d and Parent :: %d\n",getpid(),getppid());

}

}

}

sleep(10);

}

return 0;

}

