Operating System and System Administration IT2060

Year two Semester one 2021
Online Examination Model Paper 01
Sri Lanka Institute of Information Technology

Time: 20 minutes only.

Paper Number 100

a) Write a program to create a child process using fork system call.
b) Parent process has to print child process id and its id and child has to print the parent id and its id.

Upload the answers to the correct link given in the course web

Solution

Solution:

```c
#include <stdio.h>
#include<unistd.h>
#include<sys/types.h>
#include<sys/wait.h>

int main(void)
{
   int pid;
   pid=fork();
   if (pid==0 ){
      printf("My id =%d\n",getpid());
      printf("My parent =%d\n",getppid());
   }
   else
   {
      printf("My id =%d\n",getpid());
      printf("My parent =%d\n",getppid());
   }

   return 0;
}
```