

## day33 作业运行结果

创建一个无名管道，fork子进程，然后子进程向管道写端写Hello，父进程接收数据并打印

```
here is father process
i will send a message to child
dcrsgk@ubuntu:~/day33/homework$
here is child process
the message form father:hello here is father
```

新建共享内存，连接，然后往共享内存写入How are you,然后另外一个进程连接共享内存，读取数据并打印显示,删除共享内存

```
dcrsgk@ubuntu:~/day33/homework02$ ./main_write
dcrsgk@ubuntu:~/day33/homework02$ ./main_read
shm date = here is write process
dcrsgk@ubuntu:~/day33/homework02$ ipcs

----- Message Queues -----
key          msqid      owner      perms      used-bytes   messages
-----
----- Shared Memory Segments -----
key          shmid      owner      perms      bytes       nattch     status
-----
0x00000000    5          dcrsgk     600        16777216    2         dest
0x00000000   10          dcrsgk     600        524288      2         dest
0x00000000   11          dcrsgk     600        16777216    2         dest
0x00000000   18          dcrsgk     600        524288      2         dest
0x00000000   19          dcrsgk     600        524288      2         dest
0x00000000   20          dcrsgk     600        524288      2         dest
0x00000000   32          dcrsgk     600        524288      2         dest
-----
----- Semaphore Arrays -----
key          semid      owner      perms      nsems
-----
dcrsgk@ubuntu:~/day33/homework02$
```

两个进程对一个共享内存各加1000万，查看最后结果

```
dcrsgk@ubuntu:~/day33/homework03$ ./homework03
buf[0] = 16216004
buf[0] = 15448955
dcrsgk@ubuntu:~/day33/homework03$ ./homework03
buf[0] = 18506801
buf[0] = 18506801
dcrsgk@ubuntu:~/day33/homework03$ ./homework03
buf[0] = 17911560
buf[0] = 17911560
dcrsgk@ubuntu:~/day33/homework03$ ./homework03
buf[0] = 20000000
buf[0] = 20000000
dcrsgk@ubuntu:~/day33/homework03$ ./homework03
buf[0] = 16504046
buf[0] = 16504046
dcrsgk@ubuntu:~/day33/homework03$
```