

# REPORT



제 목 : 시스템프로그래밍  
과제#4(Myshell)

과 목 명 : 시스템프로그래밍  
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## 결 과

```
sys164420@embedded: ~  
sys164420@embedded:~$ gcc -o mysh mysh.c  
sys164420@embedded:~$ ./mysh  
Shell of Jeongmin:~$ help  
=====Myshell=====
```

You can use it just as the conventional shell

Some examples of the built-in commands

```
=====
```

cd	:	Change directory
exit	:	Exit this shell
quit	:	Quit this shell
help	:	Show this help
>	:	Output redirection
<	:	Input redirection
&	:	Background processing

```
=====
```

Shell of Jeongmin:~\$ ps

PID	TTY	TIME	CMD
7886	pts/24	00:00:00	bash
17692	pts/24	00:00:00	mysh
17879	pts/24	00:00:00	ps

Shell of Jeongmin:~\$ ls

examples.desktop mysh mysh.c

Shell of Jeongmin:~\$ ls -l

total 32

-rw-r--r--	1	sys164420	sys164420	8980	4월 20 2016	examples.desktop
-rwxrwxr-x	1	sys164420	sys164420	8656	11월 5 20:48	mysh
-rw-rw-r--	1	sys164420	sys164420	5991	11월 5 20:34	mysh.c

  

```
sys164420@embedded: ~  
Shell of Jeongmin:~$ vi hello.c  
Shell of Jeongmin:~$ gcc -o hello hello.c  
Shell of Jeongmin:~$ ./hello  
hello world  
Shell of Jeongmin:~$ vi test.txt  
Shell of Jeongmin:~$ cat < test.txt  
Systemprogramming!!  
Shell of Jeongmin:~$ cat test.txt > test_copy.txt  
Shell of Jeongmin:~$ cat test_copy.txt  
Systemprogramming!!  
Shell of Jeongmin:~$ vi backtest.c  
Shell of Jeongmin:~$ gcc -o backtest backtest.c  
Shell of Jeongmin:~$ ./backtest &  
Shell of Jeongmin:~$ ps  
PID TTY TIME CMD  
7886 pts/24 00:00:00 bash  
17692 pts/24 00:00:00 mysh  
22347 pts/24 00:00:11 backtest  
22979 pts/24 00:00:00 ps  
Shell of Jeongmin:~$ kill -9 22347  
Shell of Jeongmin:~$ exit  
sys164420@embedded:~$ ps  
PID TTY TIME CMD  
7886 pts/24 00:00:00 bash  
23963 pts/24 00:00:00 ps  
sys164420@embedded:~$ whoami  
sys164420  
sys164420@embedded:~$ date  
2019. 11. 05. (화) 20:56:23 KST  
sys164420@embedded:~$
```

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