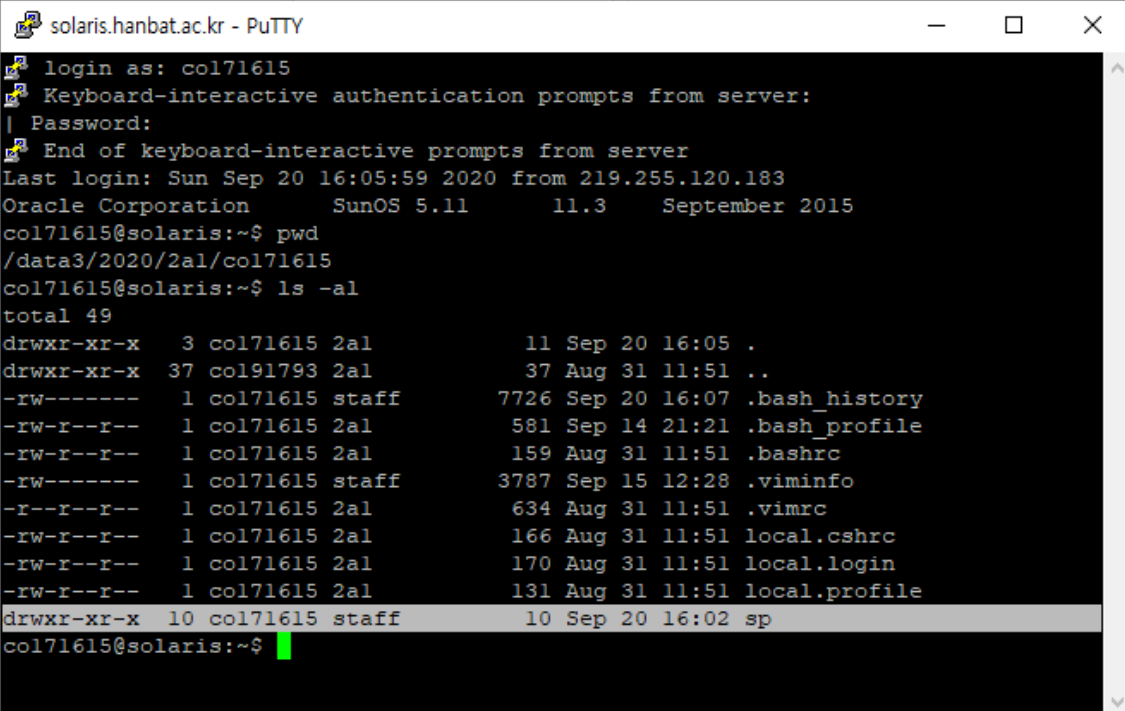


시스템프로그래밍

“1장 예제파일 작성 및 실행파일 생성”

1. 홈 디렉토리에 하위디렉토리 sp를 생성하고 홈 디렉토리의 내용 (ls -al의 결과)을 캡처한다.



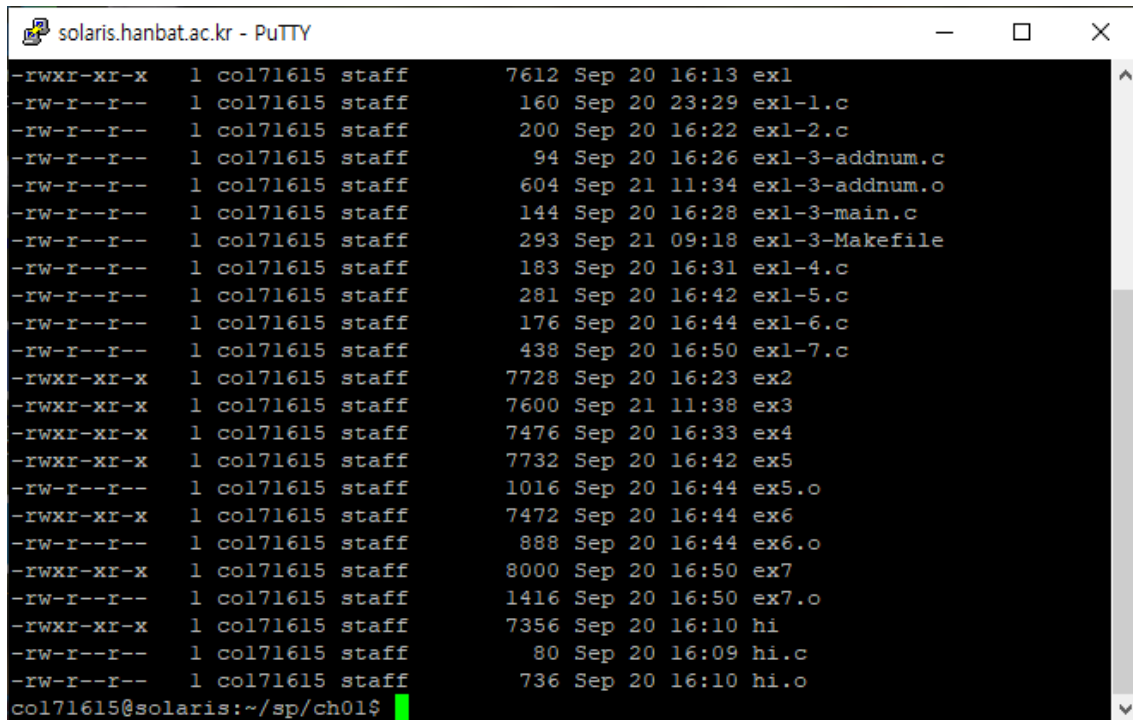
```
solaris.hanbat.ac.kr - PuTTY
login as: col71615
Keyboard-interactive authentication prompts from server:
| Password:
End of keyboard-interactive prompts from server
Last login: Sun Sep 20 16:05:59 2020 from 219.255.120.183
Oracle Corporation SunOS 5.11 11.3 September 2015
col71615@solaris:~$ pwd
/data3/2020/2a1/col71615
col71615@solaris:~$ ls -al
total 49
drwxr-xr-x  3 col71615 2a1      11 Sep 20 16:05 .
drwxr-xr-x 37 col91793 2a1      37 Aug 31 11:51 ..
-rw-----  1 col71615 staff    7726 Sep 20 16:07 .bash_history
-rw-r--r--  1 col71615 2a1      581 Sep 14 21:21 .bash_profile
-rw-r--r--  1 col71615 2a1      159 Aug 31 11:51 .bashrc
-rw-----  1 col71615 staff    3787 Sep 15 12:28 .viminfo
-r--r--r--  1 col71615 2a1      634 Aug 31 11:51 .vimrc
-rw-r--r--  1 col71615 2a1      166 Aug 31 11:51 local.cshrc
-rw-r--r--  1 col71615 2a1      170 Aug 31 11:51 local.login
-rw-r--r--  1 col71615 2a1      131 Aug 31 11:51 local.profile
drwxr-xr-x 10 col71615 staff    10 Sep 20 16:02 sp
col71615@solaris:~$
```

2. sp 디렉토리에 하위 디렉토리로 ch01 , . . . ch08를 생성하고 sp 디렉토리의 내용(ls -al의 결과)을 캡처한다.

```
solaris.hanbat.ac.kr - PuTTY
drwxr-xr-x  37 col191793 2a1          37 Aug 31 11:51 ..
-rw-----  1 col171615 staff       7653 Sep 20 16:05 .bash_history
-rw-r--r--  1 col171615 2a1         581 Sep 14 21:21 .bash_profile
-rw-r--r--  1 col171615 2a1         159 Aug 31 11:51 .bashrc
-rw-----  1 col171615 staff      3787 Sep 15 12:28 .viminfo
-r--r--r--  1 col171615 2a1         634 Aug 31 11:51 .vimrc
-rw-r--r--  1 col171615 2a1         166 Aug 31 11:51 local.cshrc
-rw-r--r--  1 col171615 2a1         170 Aug 31 11:51 local.login
-rw-r--r--  1 col171615 2a1         131 Aug 31 11:51 local.profile
drwxr-xr-x  10 col171615 staff        10 Sep 20 16:02 sp
col171615@solaris:~$ cd sp
col171615@solaris:~/sp$ ls -al
total 30
drwxr-xr-x  10 col171615 staff        10 Sep 20 16:02 .
drwxr-xr-x   3 col171615 2a1          11 Sep 20 16:05 ..
drwxr-xr-x   2 col171615 staff         2 Sep 20 16:02 ch01
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch02
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch03
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch04
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch05
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch06
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch07
drwxr-xr-x   2 col171615 staff         2 Sep 20 15:59 ch08
col171615@solaris:~/sp$
```

3. ch01 디렉토리에 1장 예제 소스(ex1-1.c . . . ex1-7.c) 파일을 생성하고 각각에 대한 실행 파일을 생성.

(예: ex1-1.c에 대해서는 ex1로)하고 ch01 디렉토리 내용(ls -al의 결과)을 캡처한다.그리고 지난 수업 실습 결과(예:hi.c 등)가 있다면 그들도 포함하시오.



The screenshot shows a PuTTY terminal window titled "solaris.hanbat.ac.kr - PuTTY". The terminal displays the output of the command `ls -al` in the directory `~/sp/ch01`. The output lists various files and directories with their permissions, owner, group, size, and timestamps. The files include `ex1`, `ex1-1.c`, `ex1-2.c`, `ex1-3-addnum.c`, `ex1-3-addnum.o`, `ex1-3-main.c`, `ex1-3-Makefile`, `ex1-4.c`, `ex1-5.c`, `ex1-6.c`, `ex1-7.c`, `ex2`, `ex3`, `ex4`, `ex5`, `ex5.o`, `ex6`, `ex6.o`, `ex7`, `ex7.o`, `hi`, `hi.c`, and `hi.o`. The prompt at the bottom is `col171615@solaris:~/sp/ch01$`.

```
-rwxr-xr-x  1 col171615 staff    7612 Sep 20 16:13 ex1
-rw-r--r--  1 col171615 staff     160 Sep 20 23:29 ex1-1.c
-rw-r--r--  1 col171615 staff     200 Sep 20 16:22 ex1-2.c
-rw-r--r--  1 col171615 staff      94 Sep 20 16:26 ex1-3-addnum.c
-rw-r--r--  1 col171615 staff     604 Sep 21 11:34 ex1-3-addnum.o
-rw-r--r--  1 col171615 staff     144 Sep 20 16:28 ex1-3-main.c
-rw-r--r--  1 col171615 staff     293 Sep 21 09:18 ex1-3-Makefile
-rw-r--r--  1 col171615 staff     183 Sep 20 16:31 ex1-4.c
-rw-r--r--  1 col171615 staff     281 Sep 20 16:42 ex1-5.c
-rw-r--r--  1 col171615 staff     176 Sep 20 16:44 ex1-6.c
-rw-r--r--  1 col171615 staff     438 Sep 20 16:50 ex1-7.c
-rwxr-xr-x  1 col171615 staff   7728 Sep 20 16:23 ex2
-rwxr-xr-x  1 col171615 staff   7600 Sep 21 11:38 ex3
-rwxr-xr-x  1 col171615 staff   7476 Sep 20 16:33 ex4
-rwxr-xr-x  1 col171615 staff   7732 Sep 20 16:42 ex5
-rw-r--r--  1 col171615 staff   1016 Sep 20 16:44 ex5.o
-rwxr-xr-x  1 col171615 staff   7472 Sep 20 16:44 ex6
-rw-r--r--  1 col171615 staff     888 Sep 20 16:44 ex6.o
-rwxr-xr-x  1 col171615 staff   8000 Sep 20 16:50 ex7
-rw-r--r--  1 col171615 staff   1416 Sep 20 16:50 ex7.o
-rwxr-xr-x  1 col171615 staff   7356 Sep 20 16:10 hi
-rw-r--r--  1 col171615 staff      80 Sep 20 16:09 hi.c
-rw-r--r--  1 col171615 staff     736 Sep 20 16:10 hi.o
col171615@solaris:~/sp/ch01$
```