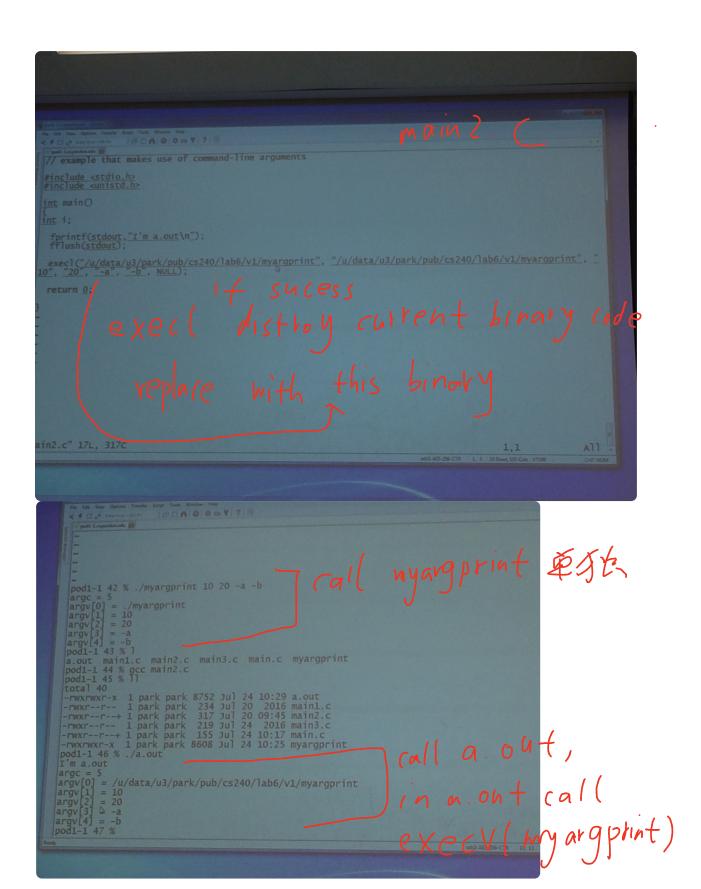
## Lab 6 VI

Main. C

```
Los Essentiants of the Company of th
                       // example that makes use of command-line arguments
                      finclude «stdio.h» de fault
                      int main(int argc, char **argv)
                              printf("argc = %d\n", argc);
                               return 0;
                                                                                                                                                                                      the command itself
"main.c" 12L, 155C written
pod1-1 22 % gcc main.c
pod1-1 23 % ./a.out
argc = 1
pod1-1 24 % ./a.out aaa
argc = 2
pod1-1 25 % ./a.out aaa dddddddd
  argc = 3
pod1-1 26 % ./a.out aaa dddddddd 1111
 argc = 4
pod1-1 27 %
```

## main l. C

```
FOU breton the IDBAID OF 1715
W example that makes use of command-line arguments
#include <stdio.h>
int main(int aggc, char **argv)
nt i;
 printf("argc = %d\n", argc);
 for (i=0; i<argc; i++) {
    printf("argv[%d] = %s\n", i, argv[i]);</pre>
return 0;
    pod1-1 29 % gcc main1.c
pod1-1 30 % ./a.out
argc = 1
argv[0] = ./a.out
pod1-1 31 % ./a.out bb
argc = 2
argv[0] = ./a.out
argv[1] = bb
pod1-1 32 % ./a.out bb 1234
argc = 3
argv[0] = ./a.out
argv[1] = bb
argv[2] = 1234
pod1-1 33 % #
```



```
ODA O OBT ?
                                                                                                              main 3, c
#include <stdio.h>
int main(int argc, char **argv, char **environ)
                                                                                                                                                carrent
directory
set path = ($path.
   while (*environ != NULL) {
    printf("%s\n", *environ);
    environ++;
   return 0;
  podl-1 54 % ./a.out

USER-park

LOGNAME=park

HOME=/homes/park

PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/sbin:/bin:/usr/games:/usr/local/games

MAIL=/var/mail/park

SHELL=/bin/tcsh

SSH_CLIENT=10.161.2.236 54912 22

SSH_CONNECTION=10.161.2.236 54912 128.10.25.201 22

SSH_CTY=/dev/pts/2

TERN=vt100

XDG_SESSION_ID=6518

XDG_RUNTIME_DIR=/run/user/122

LANG=en_US.UTF-8

HOSTTYPE=X86_64-linux

VENDOR-unknown

OSTYPE=linux

MACHTYPE=X86_64

SHLVL=1

MACHTYPE=X86_64

SHLVL=1
  SHLVL=1
PWD=/homes/park/pub/cs240/lab6/v1
GROUP=park
HOST=pod1-1.cs.purdue.edu
REMOTEHOST=1408\wsnb155p1.itap.purdue.edu
 PAGER=more
EDITOR=vi
pod1-1 55 %
```

int execve (const char \*filehame,

tull path

exectp - will find \$PATH,