



King Abdulaziz University, Jeddah, KSA
Department of Electrical and Computer Engineering

Operating Systems

EE 463

LAB 1

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Section	C3

Testing the Installed Environment

```
root@lamp ~# cat > add.c << EOF
> #include <stdlib.h>
> #include <stdio.h>
> void main(int argc, char *argv[]) {
> int a,b,c;
> a=atoi(argv[1]);
> b=atoi(argv[2]);
> printf("a,b = %d %d \n", argv[1], argv[2]);
> c=a+b;
> printf(" c = %d \n",c);
> }
> EOF
root@lamp ~#
```

```
root@lamp ~# g++ add.c -o add
add.c:2:10: fatal error: studio.h: No such file or directory
#include <studio.h>
      ^~~~~~
compilation terminated.
root@lamp ~#
```

```
#include <stdlib.h>
#include <stdio.h>
void main(int argc, char *argv[]) {
int a,b,c;
a=atoi(argv[1]);
b=atoi(argv[2]);
printf("a,b = %d %d \n", argv[1], argv[2]);
c=a+b;
printf(" c = %d \n",c);
}
~
~
```

```
compilation terminated.
root@lamp ~# vim add.c
root@lamp ~# gcc add.c -o add
root@lamp ~# ./ add 1076 764
-bash: ./: Is a directory
root@lamp ~# ./add 1076 764
a,b = -783509439 -783509434
c = 1840
root@lamp ~#
```

Linux Command Tutorial

```
root@lamp ~# adduser khalid_1743292
Adding user `khalid_1743292' ...
Adding new group `khalid_1743292' (1003) ...
Adding new user `khalid_1743292' (1003) with group `khalid_1743292' ...
Creating home directory `/home/khalid_1743292' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for khalid_1743292
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] Y
root@lamp ~#
```