Fatima Jinnah Women University
Department of Software Engineering

LAB 7

Name: Raifa Khalid

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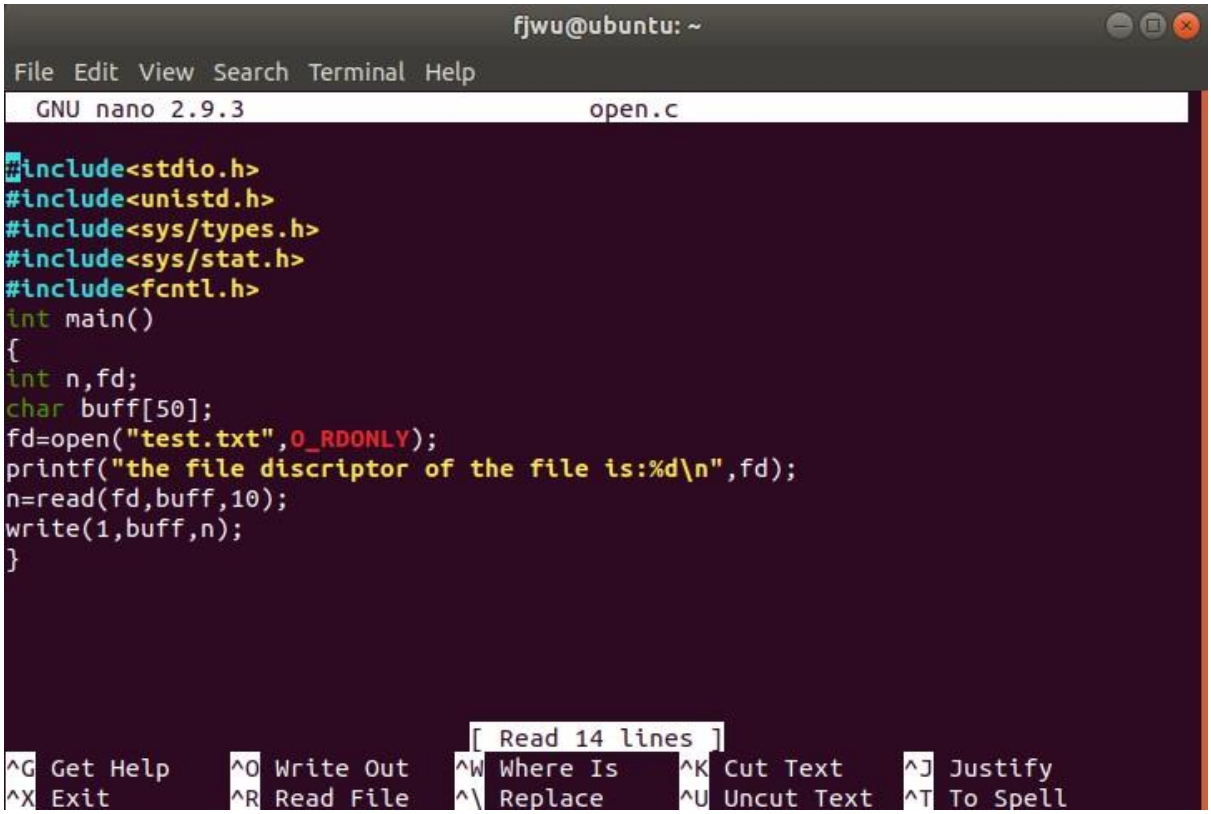
Section: A

Semester: Third

Course: Operating System (LAB)

Task # 1

Write a program to read the contents of file F1 into file F2. The contents of file F2 should not get deleted or overwritten. hint: use O_APPEND flag.



Task # 2

Write a program using open() system call to copy the contents of one file into another file.

```
 GNU nano 2.9.3                          open2.c

#include<unistd.h>
#include<sys/types.h>
#include<sys/stat.h>
#include<fcntl.h>
int main()
{
int n,fd,fd1;
char buff[50];
fd=open("test.txt",O_RDONLY);
n=read(fd,buff,10);
fd1=open("towrite.txt",O_WRONLY|O_CREAT,0642);
write(fd1,buff,n);
}
```

```
fjwu@ubuntu:~$ nano open2.c
fjwu@ubuntu:~$ gcc open2.c
fjwu@ubuntu:~$ ./a.out
fjwu@ubuntu:~$ cat towrite.txt
1234567890fjwu@ubuntu:~$
```