**PROGRAM**

#include<stdio.h>

#include<sys/types.h>

#include<unistd.h>

#include<string.h>

#include<fcntl.h>

#include<sys/stat.h>

#include<string.h>

#include<stdlib.h>

#define size 512

int main(int argc,char \*argv[])

{

int fd1,fd2,n,l,i=0;

char c;

char buf[size],s[size];

if(argc!=3)

printf("Insufficient Arguments\n");

printf("Enter The String\n");

c=getchar();

while(c!=EOF)

{

s[i]=c;

i++;

c=getchar();

}

s[i]='\0';

l=strlen(s);

fd1=open(argv[1],O\_WRONLY|O\_CREAT|O\_APPEND);

if(fd1==-1)

{

printf("File can't be opened\n");

exit(1);

}

write(fd1,s,l);

close(fd1);

fd1=open(argv[1],O\_RDONLY|O\_CREAT|O\_APPEND,S\_IRUSR|S\_IWUSR);

n=read(fd1,buf,l);

close(fd1);

fd2=open(argv[2],O\_WRONLY|O\_CREAT|O\_APPEND,S\_IRUSR|S\_IWUSR);

write(fd2,buf,n);

close(fd2);

}

**OUTPUT**

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ gcc fcopy.c**

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ ./a.out file1.c file2.c**

Enter The String

welcome to unix

hello world

this is a file copy program

Contents of file1

welcome to unix

hello world

this is a file copy program

Contents of file2

welcome to unix

hello world

this is a file copy program