# Program: //Named Pipe – ur12cs135

Server.c

#include <stdio.h>

#include <unistd.h>

#include <stdlib.h>

#include <sys/types.h>

#include <sys/stat.h>

#include <fcntl.h>

int main (){

int fd;

char num[20];

mkfifo("fil", 0666);

printf("Waiting for Client\n");

if( (fd=open("fil", O\_WRONLY)) < 1 )

{

printf("Error in Opening\n");

return 1;

}

p:

printf("\nEnter your Message: ");

scanf("%s", &num);

printf("\nConnected to Client\n");

printf("\nYour Message: %s\n", num);

if(write(fd, &num, sizeof(num)) == -1)

{

printf("Error in Writing\n");

return 0;

}

goto p;

close(fd);

return 0;

}

Client.c

#include <stdio.h>

#include <unistd.h>

#include <stdlib.h>

#include <sys/types.h>

#include <sys/stat.h>

#include <fcntl.h>

int main( ){

int fd;

char num[20];

p:

printf("Waiting for Server\n");

if( (fd = open("fil", O\_RDONLY, 0)) == -1 )

{

printf("Error in Opening\n");

return 1;

}

if( read(fd, &num, sizeof(num)) < 0 )

{

printf("Error in Reading\n");

return 1;

}

printf("Connected to Server\n");

printf("\nReceived Message: %s\n", num);

close(fd);

goto p;

return 0;

}

# Output:

