**O.S. EXPERIMENT –11**

**1. Program 1:**

**#include <stdio.h>**

**#include<unistd.h>**

**#include<sys/wait.h>**

**int main()**

**{**

**int p[2];**

**char buff[25];**

**pipe(p);**

**if(fork()==0)**

**{**

**printf("Child : Writing to pipe \n");**

**write(p[1],"Welcome",8);**

**printf("Child Exiting\n\n");**

**}**

**else**

**{**

**wait(0);**

**printf("Parent : Reading from pipe \n");**

**read(p[0],buff,8);**

**printf("Pipe content is : %s \n",buff);**

**printf("Parent Exiting\n");**

**}**

**return 0;**

**}**

**OUTPUT:**

Child : Writing to pipe

Child Exiting

Parent : Reading from pipe

Pipe content is : Welcome

Parent Exiting