#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

#include<sys/types.h>

#include<string.h>

int main()

{

int p1[2], p2[2];

pid\_t id;

char arr1[] = "Hello I want to Exit\n";

char arr2[100];

char arr3[] = "You may Exit\n";

char arr4[100];

char arr5[] = "Here I Exit\n";

char arr6[100];

pipe(p1);

pipe(p2);

id = fork();

if(id > 0)

{

close(p1[1]);

read(p1[0], arr2 , sizeof(arr2));

printf("Recieved at parent: %s\n",arr2);

close(p2[0]);

write(p2[1], arr3 ,(strlen(arr3)+1));

close(p1[1]);

read(p1[0], arr6 , sizeof(arr6));

printf("Recieved at parent: %s\n",arr6);

}

if(id == 0)

{

close(p1[0]);

write(p1[1], arr1 ,(strlen(arr1)+1));

close(p2[1]);

read(p2[0], arr4 , sizeof(arr4));

printf("Recieved at child: %s\n",arr4);

close(p1[0]);

write(p1[1], arr5 ,(strlen(arr5)+1));

}

return 0;

}