#include<stdio.h>

#include<stdlib.h>

#include<unistd.h>

int main(){

int fd[2];

if(pipe(fd)==-1){

perror("Pipe creation failed");

exit(EXIT\_FAILURE);

}

pid\_t pid = fork();

if(pid==-1){

perror("Fork failed");

exit(EXIT\_FAILURE);

}

if(pid==0){

close(fd[0]);

char message[]="Hello from the child process!\n";

write(fd[1],message,sizeof(message));

close(fd[1]);

}

else{

close(fd[1]);

char buffer[100];

read(fd[0],buffer,sizeof(buffer));

printf("Parent received : %s\n",buffer);

close(fd[0]);

}

return 0;

}