#include<stdio.h>

#include<unistd.h>

int main() {

int pipefds[2];

int returnstatus;

char writemessages[2][20]={"Hi", "Hello"};

char readmessage[20];

returnstatus = pipe(pipefds);

if (returnstatus == -1) {

printf("Unable to create pipe\n");

return 1;

}

printf("Writing to pipe - Message 1 is %s\n", writemessages[0]);

write(pipefds[1], writemessages[0], sizeof(writemessages[0]));

read(pipefds[0], readmessage, sizeof(readmessage));

printf("Reading from pipe – Message 1 is %s\n", readmessage);

printf("Writing to pipe - Message 2 is %s\n", writemessages[0]);

write(pipefds[1], writemessages[1], sizeof(writemessages[0]));

read(pipefds[0], readmessage, sizeof(readmessage));

printf("Reading from pipe – Message 2 is %s\n", readmessage);

return 0;

}

