

CPE 460 Quiz 03: IPC Using Pipes

Department of Computer Engineering
Yarmouk University

Spring 2017

Write a C program to create a simple communication between two processes using ordinary pipes. The characteristics of this communication can be summarized as follows:

1. The first process P_1 reads an integer from standard input (keyboard).
2. P_1 sends the read integer to a second process P_2 through ordinary pipe.
3. P_2 receives the integer from the pipe.
4. P_2 prints the received integer to standard output (screen).
5. P_1 should never exit before P_2 completes.
6. P_2 should be suspended until the pipe contains the proper data to read.

```
#include <stdio.h>
#include <stdlib.h>
void main(){
```

```
}
```