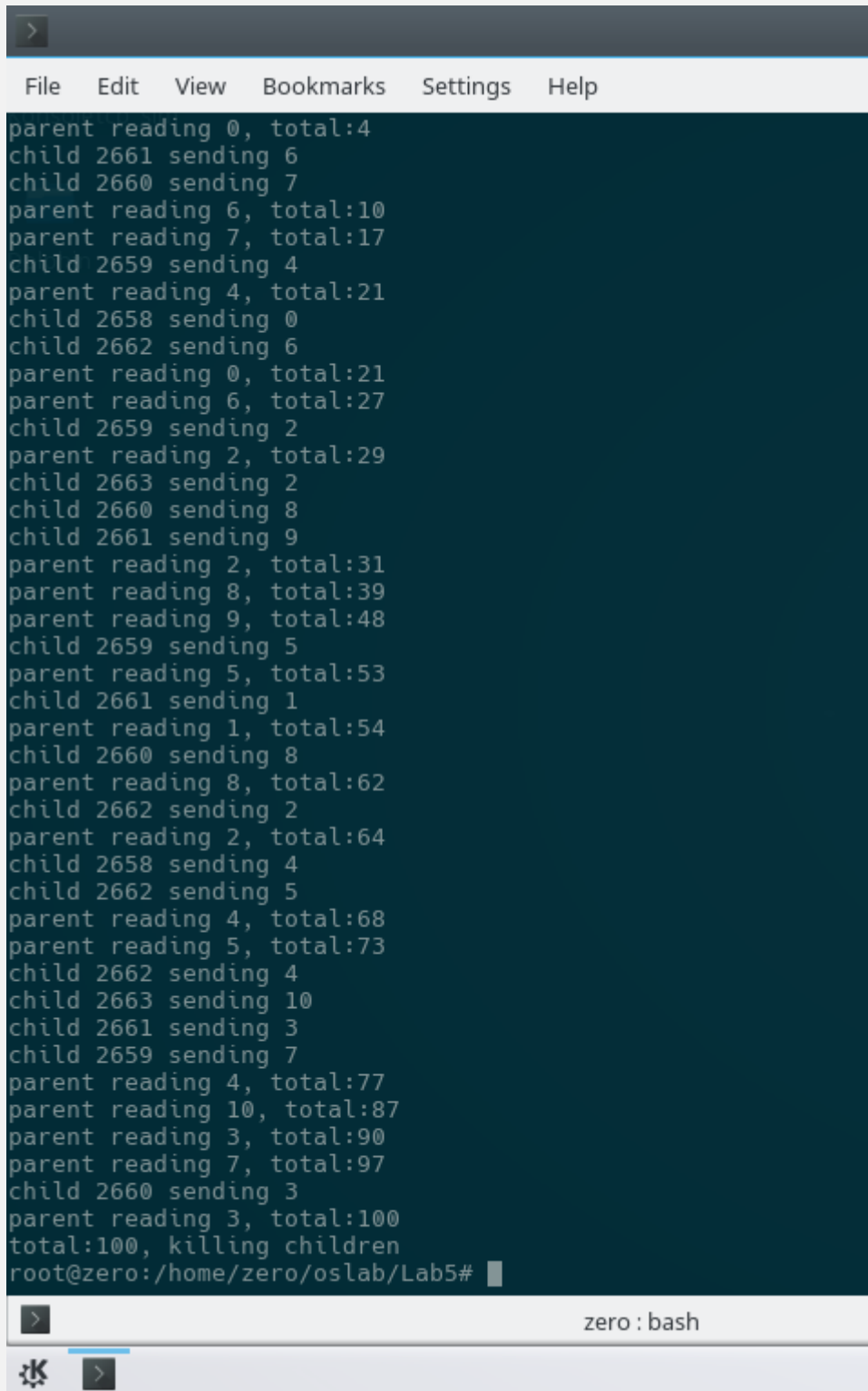
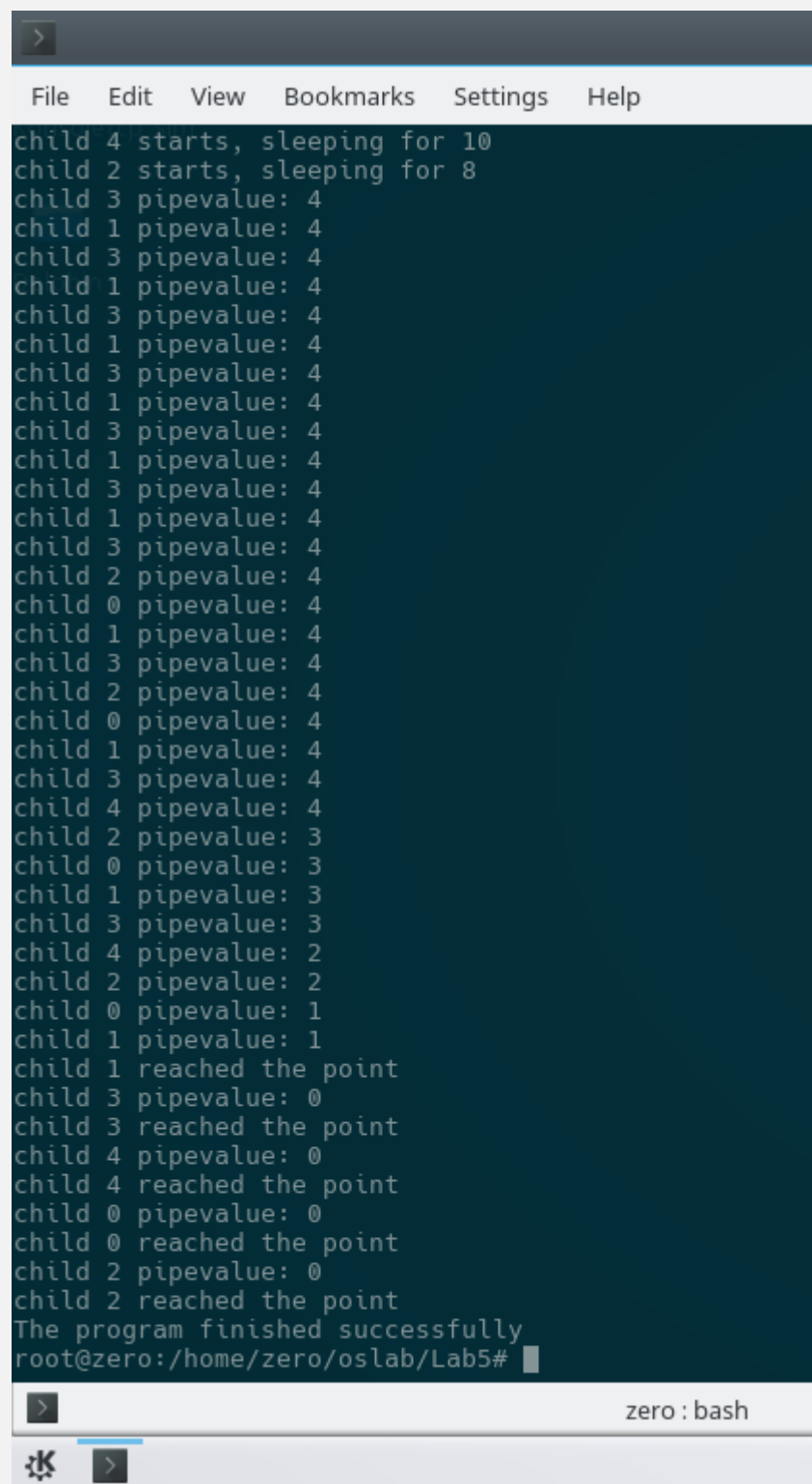


1)



```
>  
File Edit View Bookmarks Settings Help  
parent reading 0, total:4  
child 2661 sending 6  
child 2660 sending 7  
parent reading 6, total:10  
parent reading 7, total:17  
child 2659 sending 4  
parent reading 4, total:21  
child 2658 sending 0  
child 2662 sending 6  
parent reading 0, total:21  
parent reading 6, total:27  
child 2659 sending 2  
parent reading 2, total:29  
child 2663 sending 2  
child 2660 sending 8  
child 2661 sending 9  
parent reading 2, total:31  
parent reading 8, total:39  
parent reading 9, total:48  
child 2659 sending 5  
parent reading 5, total:53  
child 2661 sending 1  
parent reading 1, total:54  
child 2660 sending 8  
parent reading 8, total:62  
child 2662 sending 2  
parent reading 2, total:64  
child 2658 sending 4  
child 2662 sending 5  
parent reading 4, total:68  
parent reading 5, total:73  
child 2662 sending 4  
child 2663 sending 10  
child 2661 sending 3  
child 2659 sending 7  
parent reading 4, total:77  
parent reading 10, total:87  
parent reading 3, total:90  
parent reading 7, total:97  
child 2660 sending 3  
parent reading 3, total:100  
total:100, killing children  
root@zero:/home/zero/oslab/Lab5#  
> zero : bash
```

2)



The screenshot shows a terminal window with a menu bar (File, Edit, View, Bookmarks, Settings, Help) and a dark blue background. The output of a program is displayed in white text, showing the execution of five child processes (0-4) and their interactions with a shared resource (pipevalue). The program concludes with a success message and the user's shell prompt.

```
>  
File Edit View Bookmarks Settings Help  
child 4 starts, sleeping for 10  
child 2 starts, sleeping for 8  
child 3 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 2 pipevalue: 4  
child 0 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 2 pipevalue: 4  
child 0 pipevalue: 4  
child 1 pipevalue: 4  
child 3 pipevalue: 4  
child 4 pipevalue: 4  
child 2 pipevalue: 3  
child 0 pipevalue: 3  
child 1 pipevalue: 3  
child 3 pipevalue: 3  
child 4 pipevalue: 2  
child 2 pipevalue: 2  
child 0 pipevalue: 1  
child 1 pipevalue: 1  
child 1 reached the point  
child 3 pipevalue: 0  
child 3 reached the point  
child 4 pipevalue: 0  
child 4 reached the point  
child 0 pipevalue: 0  
child 0 reached the point  
child 2 pipevalue: 0  
child 2 reached the point  
The program finished successfully  
root@zero:/home/zero/oslab/Lab5#  
> zero : bash
```