

## ISP Group 3 Formative

**Due date:** 2 December 2021

### Meetings:

1. **25 November 2021:** Pacique Linda, Dirac Murairi, Achille Tanwouo and Adio Roheem

**Summary:** we talked about the problem and discussed the various ways we can solve the elevator problem.

2. **29 November 2021:** Dirac Murairi, Achille Tanwouo, and Adio Roheem

**Summary:** we decided on an efficient way to solve the problem and share tasks among us.

3. **01 November 2021:** Pacique Linda, Dirac Murairi, Achille Tanwouo, and Adio Roheem

**Summary:** check the build evolution.

4. **02 November 2021:** Pacique Linda, Dirac Murairi, Achille Tanwouo, and Adio Roheem

**Summary:** code testing.

### Task:

1. **Create and add people inside the elevator:** Adio Roheem and Achille
2. **Move the elevator:** Dirac Murairi and Pacifique Linda IKIREZI
3. **Handle signals:** Dirac Murairi
4. **Code comments:** Dirac Murairi, Achille Tanwouo
5. **Code Testing:** Adio Roheem

### Decision or method:

In the beginning, we had opted for the link list but on December 1 we had difficulties and decided to use the loop and the list for easy which was more favorable and made our work easier.

### Meeting Recordings:

<https://drive.google.com/drive/folders/16Fow3y7NYxP5dgZUoq3Jhskl9kQgKYPU?usp=sharing>

### Github Link:

[https://github.com/Dirac156/ISP\\_Group\\_3](https://github.com/Dirac156/ISP_Group_3)

### Screenshot

```
Activities Terminal Uku 2 21:10
wanjikumburu@Mary: ~/Downloads/ISP_Group_3-main
Error: Entered invalid value
wanjikumburu@Mary:~/Downloads/ISP_Group_3-main$ gcc main.c
wanjikumburu@Mary:~/Downloads/ISP_Group_3-main$ ./a.out
Please enter your floor number
:4
Please enter your floor number
:5
Please enter your floor number
:6
Please enter your floor number
:7
Please enter your floor number
:8
Please enter your floor number
:2
Please enter your floor number
:3
Please enter your floor number
:4
Please enter your floor number
:5
Please enter your floor number
:6
>>>> Start <<<<
Elevator is at position: 2
>>> Number of people left: 1
Elevator is at position: 3
>>> Number of people left: 1
Elevator is at position: 4
>>> Number of people left: 2
Elevator is at position: 5
>>> Number of people left: 2
Elevator is at position: 6
>>> Number of people left: 2
Elevator is at position: 7
>>> Number of people left: 1
Elevator is at position: 8
>>> Number of people left: 1
>>>> End <<<<

Please enter your floor number
:Ctrl-C closing
wanjikumburu@Mary:~/Downloads/ISP_Group_3-main$
```