

# Evaluation Assignment for IBC-CEP Module 3

We are excited to announce a new assignment for you all! This assignment is for everyone and we encourage everyone to participate. By completing all of the challenges, you will be eligible to advance to Module 3.

In Module 3, you will have the opportunity to work with experts and build on your ideas. We encourage you to take on this challenge and give it your best effort.

**Good Luck!**



## TASK 1

**Don't miss out on vital information! Watch the videos before starting the assignment.**

Substrate Framework & How to use Concepts of Rust in Substrate -

<https://www.youtube.com/watch?v=CbZusKUh87s>

Build Custom Pallet - <https://www.youtube.com/watch?v=PP4xbN4GdeA>



## TASK 2

### **Write a function for a given statement**

You need to build a pallet in that there is a group which contains the members.

- These members can only be added by sudo.
- Sudo is able to remove these members.
- Users have access to remove themselves from the group.
- Users can be able to add themselves in the group if the group size is less than 2.

The first 3 steps (a, b & c) are already completed, you need to write a function for the 4th step (step d).

You can find the code repository here: <https://github.com/IBC-Media/CEP-Assignment>



### **Steps to complete the above task**

**Step 1:** Setup your system for substrate environment.

**Step 2:** Clone this repository: <https://github.com/IBC-Media/CEP-Assignment>

**Step 3:** You'll find three functions already implemented on the above link. You need to write the 4th function which completes the 4th (d) step listed above.



## **Submit your assignment**

To complete the task, you need to upload the code, along with a screenshot of your running chain and terminal to GitHub. Then, share the link to the repository in this form

<https://forms.gle/hoYDvW4hqYoXhZzB8>



## **Resources**

Looking for helpful resources? Click on the link below for all the resources you need.

<https://doc.rust-lang.org/std/vec/struct.Vec.html>



**Don't hesitate to ask questions in our Discord community - we're here to help!**

<https://discord.gg/SvwU8nkwbg>



**Submit your Assignment by 14 May 2023**