# Lab-4

```java
interface Guild {
    public void createGuild(String guildName);

    public void getBotPermission(int permission);
}

interface Bot extends Guild {
    public void getMembers();

    public void slashCommand(String user);
}

class DiscordBot implements Bot {
    public void createGuild(String guildName) {
        System.out.println("Created a guild " + guildName +
" associated to the bot");
    }

    public void getBotPermission(int permission) {
        boolean isAdmin = true;
        boolean isMod = true;
        boolean BAN_MEMBERS = true;
        boolean KICK_MEMBERS = true;
        if (permission == 0) {
            System.out.println("The Bot created has 0
permission");
        }
        if (isAdmin && isMod && BAN_MEMBERS &&
KICK_MEMBERS) {
            System.out.println("The Bot is set full
permission");
        }

    }

    public void getMembers() {
        System.out.println("Getting members of the text
channel");
        System.out.println("Channel members are :
```

```java
Elumeveguy\n" + //
                "Emojorekes\n" + //
                "Eroxihisom\n" + //
                "Ulelabutuk\n" + //
                "Ayibiciqeb\n" + //
                "Oguyocuxas\n" + //
                "Uxibabujen\n" + //
                "Epiwimaguk\n" + //
                "Idenefibiy\n" + //
                "Amarebamat");

    }

    public void slashCommand(String user) {
        // String command='ban';
        System.out.println("Ban User ");
        System.out.println("user " + user + " is banned");

    }

    public String name;
    public String discordServer;

    DiscordBot(String name, String discordServer) {
        this.name = name;
        this.discordServer = discordServer;
    }

    public void getBotDetails() {
        System.out.println("your account name is " + name);
        System.out.println("your Discord server name is " +
discordServer);

    }

}

class Discord {
    public static void main(String args[]) {
        DiscordBot bot = new DiscordBot("bob_account",
"bobServer");
        bot.createGuild("Capture_the_flag_bot");
        bot.getBotPermission(122);
```

```
            bot.getMembers();
            bot.slashCommand("bob");
            bot.getBotDetails();
        }
    }
```