

Lab-4

2347139

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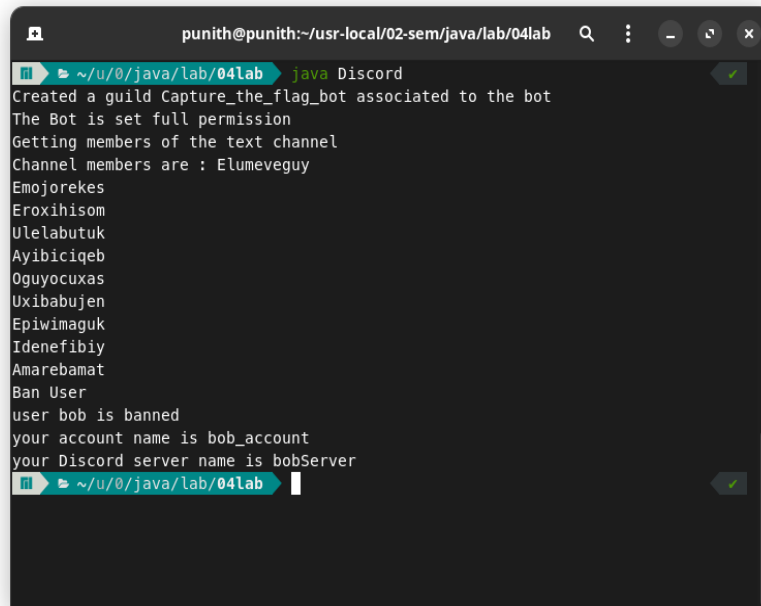
```
1 interface Guild {
2     public void createGuild(String guildName);
3
4     public void getBotPermission(int permission);
5 }
6
7 interface Bot extends Guild {
8     public void getMembers();
9
10    public void slashCommand(String user);
11 }
12
13 class DiscordBot implements Bot {
14     public void createGuild(String guildName) {
15         System.out.println("Created a guild " + guildName + " associated
16                             to the bot");
17     }
18
19     public void getBotPermission(int permission) {
20         boolean isAdmin = true;
21         boolean isMod = true;
22         boolean BAN_MEMBERS = true;
23         boolean KICK_MEMBERS = true;
24         if (permission == 0) {
25             System.out.println("The Bot created has 0 permission");
26         }
27         if (isAdmin && isMod && BAN_MEMBERS && KICK_MEMBERS) {
28             System.out.println("The Bot is set full permission");
29         }
30     }
31
32     public void getMembers() {
33         System.out.println("Getting members of the text channel");
34         System.out.println("Channel members are : Elumeveguy\n" + //
35                             "Emojorekes\n" + //
36                             "Eroxihisom\n" + //
```

```

37         "Ulelabutuk\n" + //
38         "Ayibiciqeb\n" + //
39         "Oguyocuxas\n" + //
40         "Uxibabujen\n" + //
41         "Epiwimaguk\n" + //
42         "Idenefibiy\n" + //
43         "Amarebamat");
44
45     }
46
47     public void slashCommand(String user) {
48         // String command='ban';
49         System.out.println("Ban User ");
50         System.out.println("user " + user + " is banned");
51
52     }
53
54     public String name;
55     public String discordServer;
56
57     DiscordBot(String name, String discordServer) {
58         this.name = name;
59         this.discordServer = discordServer;
60     }
61
62     public void getBotDetails() {
63         System.out.println("your account name is " + name);
64         System.out.println("your Discord server name is " +
65             discordServer);
66     }
67
68 }
69
70 class Discord {
71     public static void main(String args[]) {
72         DiscordBot bot = new DiscordBot("bob_account", "bobServer");
73         bot.createGuild("Capture_the_flag_bot");
74         bot.getBotPermission(122);
75         bot.getMembers();
76         bot.slashCommand("bob");
77         bot.getBotDetails();
78     }
79 }

```

Output



```
punith@punith:~/usr-local/02-sem/java/lab/04lab
~/u/0/java/lab/04lab java Discord
Created a guild Capture_the_flag_bot associated to the bot
The Bot is set full permission
Getting members of the text channel
Channel members are : Elumeveguy
Emojorekes
Eroxihisom
Ulelabutuk
Ayibiciqeb
Oguyocuxas
Uxibabujen
Epiwimaguk
Idenefibiy
Amarebamat
Ban User
user bob is banned
your account name is bob_account
your Discord server name is bobServer
~/u/0/java/lab/04lab
```