

Lab-6

2347139

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```
1 interface Build<build> {
2     public void showBotDetails();
3
4     public void createGuild(String guildName);
5
6     public void getBotPermission(int permission);
7
8     public void showBotDetails(String clientName);
9 }
10
11 interface Command<Cmd> {
12     public void getMembers();
13
14     public void slashCommand(String user);
15 }
16
17 class Builder implements Build<Integer> {
18     public String botName;
19     protected String discordToken;
20
21     Builder(String botName, String discordToken) {
22         if (discordToken.isEmpty()) {
23             System.out.println("Token not found");
24         }
25         this.botName = botName;
26         this.discordToken = discordToken;
27     }
28
29     public void showBotDetails() {
30         System.out.println("Discord Bot with " + botName + " created
31             in your account");
32     }
33
34     public void createGuild(String guildName) {
35         System.out.println("Created a guild " + guildName + "
```

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37         associated to the bot");
38     }
39     public void getBotPermission(int permission) {
40         boolean isAdmin = true;
41         boolean isMod = true;
42         boolean BAN_MEMBERS = true;
43         boolean KICK_MEMBERS = true;
44         if (permission == 0) {
45             System.out.println("The Bot created has 0 permission");
46         }
47         if (isAdmin && isMod && BAN_MEMBERS && KICK_MEMBERS) {
48             System.out.println("The Bot is set full permission");
49         }
50     }
51 }
52
53 public void showBotDetails(String clientName) {
54     System.out.println("Discord Bot with " + botName + " created
55         for client" + clientName);
56 }
57 }
58
59 class SlashCommands implements Command<String> {
60
61     String botName;
62     String discordName;
63
64     SlashCommands(String botName, String discordName) {
65         this.botName = botName;
66         this.discordName = discordName;
67     }
68
69     public void getMembers() {
70         System.out.println("Getting members of the text channel");
71         System.out.println("Channel members are : Elumeveguy\n" + //
72             "Emojorekes\n" + //
73             "Eroxihisom\n" + //
74             "Ulelabutuk\n" + //
75             "Ayibiciqeb\n" + //
76             "Oguyocuxas\n" + //
77             "Uxibabujen\n" + //
78             "Epiwimaguk\n" + //
79             "Idenefibiy\n" + //
80             "Amarebamat");
81     }
82 }
83
84 public void slashCommand(String user) {

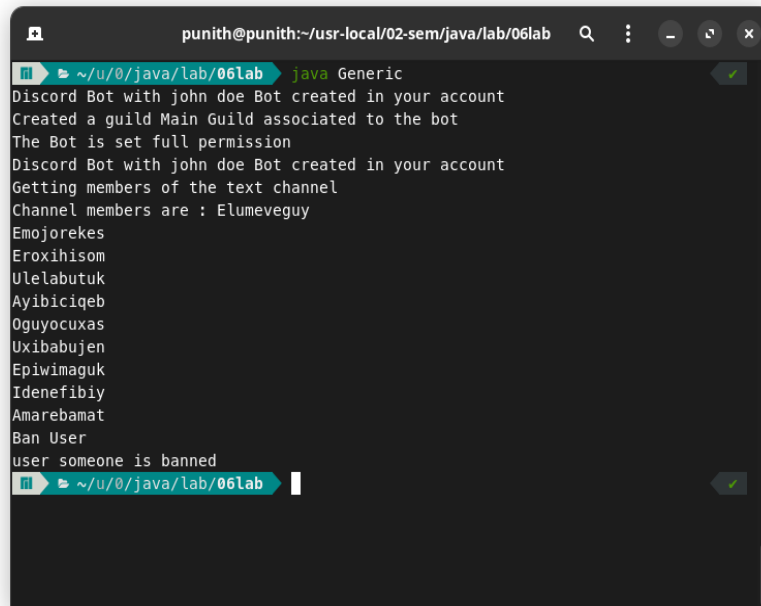
```

```

85         // String command='ban';
86         System.out.println("Ban User ");
87         System.out.println("user " + user + " is banned");
88
89     }
90
91 }
92
93 class Generic {
94
95     public static void main(String[] args) {
96         Builder b1 = new Builder("john doe Bot", "sjdksnsm29327323");
97         b1.showBotDetails();
98         b1.createGuild("Main Guild");
99         b1.getBotPermission(1);
100        b1.showBotDetails();
101        SlashCommands command = new SlashCommands("bob bot", "bob's
            server");
102        command.getMembers();
103        command.slashCommand("someone");
104    }
105
106 }

```

Output

A terminal window with a dark background. The title bar shows 'punith@punith:~/usr-local/02-sem/java/lab/06lab'. The prompt is '~ /u/0/java/lab/06lab'. The command 'java Generic' has been executed, indicated by a green checkmark. The output consists of several lines of text: 'Discord Bot with john doe Bot created in your account', 'Created a guild Main Guild associated to the bot', 'The Bot is set full permission', 'Discord Bot with john doe Bot created in your account', 'Getting members of the text channel', 'Channel members are : Elumeveguy', followed by a list of names: 'Emojorekes', 'Eroxihisom', 'Ulelabutuk', 'Ayibiciqeb', 'Oguyocuxas', 'Uxibabujen', 'Epiwimaguk', 'Idenefibiy', 'Amarebamat', 'Ban User', and 'user someone is banned'. A second prompt '~ /u/0/java/lab/06lab' is visible at the bottom with a cursor, and a green checkmark is to its right.

```
punith@punith:~/usr-local/02-sem/java/lab/06lab
~/u/0/java/lab/06lab java Generic
Discord Bot with john doe Bot created in your account
Created a guild Main Guild associated to the bot
The Bot is set full permission
Discord Bot with john doe Bot created in your account
Getting members of the text channel
Channel members are : Elumeveguy
Emojorekes
Eroxihisom
Ulelabutuk
Ayibiciqeb
Oguyocuxas
Uxibabujen
Epiwimaguk
Idenefibiy
Amarebamat
Ban User
user someone is banned
~/u/0/java/lab/06lab
```