

Lab-1

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```
1  class Builder{
2      public String botName;
3      protected String discordToken;
4      Builder(String botName,String discordToken){
5          if(discordToken.isEmpty()){
6              System.out.println("Token not found");
7          }
8          this.botName=botName;
9          this.discordToken=discordToken;
10     }
11     public void showBotDetails(){
12         System.out.println("Discord Bot with "+botName+" created in
13             your account");
14     }
15
16     public void createGuild(String guildName){
17         System.out.println("Created a guild "+guildName+" associated
18             to the bot");
19     }
20
21     public void getBotPermission(int permission){
22         boolean isAdmin=true;
23         boolean isMod=true;
24         boolean BAN_MEMBERS=true;
25         boolean KICK_MEMBERS=true;
26         if(permission==0){
27             System.out.println("The Bot created has 0 permission");
28         }
29         if(isAdmin && isMod && BAN_MEMBERS && KICK_MEMBERS){
30             System.out.println("The Bot is set full permission");
31         }
32     }
33
34     public void showBotDetails(String clientName){
35         System.out.println("Discord Bot with "+botName+" created for
```

```

        client"+clientName);
36     }
37
38 }
39
40 class SlashCommands extends Builder{
41
42     SlashCommands(){
43         super("botName","discordToken");
44     }
45
46     public void getMembers(){
47         System.out.println("Getting members of the text channel");
48         System.out.println("Channel members are : Elumeveguy\n" + //
49             "Emojorekes\n" + //
50             "Eroxihisom\n" + //
51             "Ulelabutuk\n" + //
52             "Ayibiciqeb\n" + //
53             "Oguyocuxas\n" + //
54             "Uxibabujen\n" + //
55             "Epiwimaguk\n" + //
56             "Idenefibiy\n" + //
57             "Amarebamat");
58
59     }
60     public void slashCommand(String user){
61         // String command='ban';
62         System.out.println("Ban User ");
63         System.out.println("user "+user+" is banned");
64
65     }
66
67 }
68
69 class Client extends SlashCommands{
70     public String name;
71     public String discordServer;
72     Client(String name, String discordServer){
73         this.name=name;
74         this.discordServer=discordServer;
75     }
76     public void getBotDetails(){
77         System.out.println("your account name is "+name);
78         System.out.println("your Discord server name is
79             "+discordServer);
80
81     }
82
83 }
84
85 class Discordbot{

```

```

84     public static void main(String[] args) {
85         Builder build=new Builder("discordbot1", "skffdjdfjfd11");
86         build.showBotDetails();
87         build.createGuild("Mointer");
88         build.getBotPermission(0);
89         SlashCommands cl=new SlashCommands();
90         cl.getMembers();
91
92         //client
93         Client client=new Client("ram", "ram's server");
94         build.showBotDetails("ram");
95         client.getBotDetails();
96
97     }
98 }
99

```

Output

The terminal window shows the execution of a Java program. The user runs `javac Discordbot.java` and `java Discordbot`. The output displays the creation of a Discord bot named 'discordbot1' with the token 'skffdjdfjfd11'. It then creates a guild named 'Mointer' and sets the bot's permission to 0. The bot is then set to full permission, and the members of the text channel are listed: Elumeveguy, Emojorekes, Eroxihisom, Ulelabutuk, Ayibiciqeb, Oguyocuxas, Uxibabujen, Epiwimaguk, Idenefibiy, and Amarebammat. Finally, the client is created with the name 'ram' and the server name 'ram's server'.

```

punith@punith:~/usr-local/02-sem/java/lab/01lab
~/u/0/java/lab/01lab javac Discordbot.java
~/u/0/java/lab/01lab java Discordbot
Discord Bot with discordbot1 created in your account
Created a guild Mointer associated to the bot
The Bot created has 0 permission
The Bot is set full permission
Getting members of the text channel
Channel members are : Elumeveguy
Emojorekes
Eroxihisom
Ulelabutuk
Ayibiciqeb
Oguyocuxas
Uxibabujen
Epiwimaguk
Idenefibiy
Amarebammat
Discord Bot with discordbot1 created for clientram
your account name is ram
your Discord server name is ram's server
~/usr-local/02-sem/java/lab/01lab
~/u/0/java/lab/01lab

```