

# Lab-5

2347139

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```
1  class Builder implements Runnable {
2      public String botName;
3      protected String discordToken;
4
5      public void run() {
6
7      }
8
9      public void setDetails(String botName, String discordToken) {
10         if (discordToken.isEmpty()) {
11             System.out.println("Token not found");
12         }
13         this.botName = botName;
14         this.discordToken = discordToken;
15     }
16
17     public synchronized void setInfo() {
18         try {
19             setDetails("gateways's bot", "kajajas99923232");
20
21         } catch (Exception e) {
22             System.out.println("synchronized thread");
23         }
24     }
25
26     public void showBotDetails() {
27         System.out.println("Discord Bot with " + botName + " created
28             in your account");
29     }
30
31     public void createGuild(String guildName) {
32         System.out.println("Created a guild " + guildName + "
33             associated to the bot");
34     }
35     public void getBotPermission(int permission) {
```

```

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

```

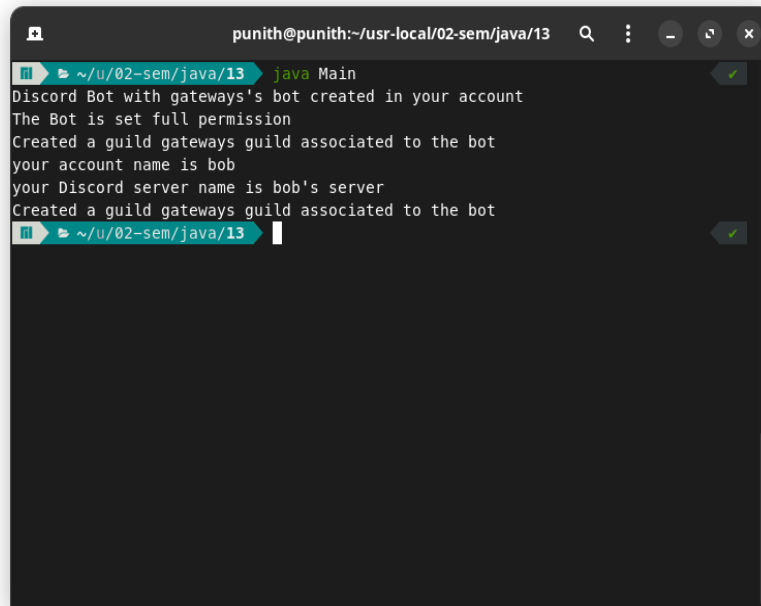
```

85     class Client extends SlashCommands {
86         public String name;
87         public String discordServer;
88
89         Client(String name, String discordServer) {
90             this.name = name;
91             this.discordServer = discordServer;
92         }
93
94         public void getBotDetails() {
95             System.out.println("your account name is " + name);
96             System.out.println("your Discord server name is " +
97                 discordServer);
98         }
99     }
100
101     class Main {
102
103         public static void main(String[] args) {
104
105             Thread thread1 = new Thread(new Builder());
106             thread1.setPriority(Thread.MAX_PRIORITY);
107             Builder build = new Builder();
108             build.setInfo();
109             build.showBotDetails();
110             build.getBotPermission(1);
111             thread1.start();
112
113             Thread thread2 = new Thread(new SlashCommands());
114             thread2.start();
115
116             Thread thread3 = new Thread(new Client("bob", "bob's
117                 server"));
118             Client client = new Client("bob", "bob's server");
119             client.getBotDetails();
120             thread3.start();
121
122             Thread thread4 = new Thread(new Builder());
123             thread4.start();
124
125             Thread thread5 = new Thread(new Builder());
126             thread5.start();
127         }
128     }
129 }

```

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## Output



```
punith@punith:~/usr-local/02-sem/java/13  Q  ⋮  -  ↺  x
~/u/02-sem/java/13  java Main  ✓
Discord Bot with gateways's bot created in your account
The Bot is set full permission
Created a guild gateways guild associated to the bot
your account name is bob
your Discord server name is bob's server
Created a guild gateways guild associated to the bot
~/u/02-sem/java/13  ✓
```

A terminal window with a dark background. The title bar shows the user 'punith' and the path '~/usr-local/02-sem/java/13'. The prompt is 'punith@punith:~/usr-local/02-sem/java/13'. The command 'java Main' is executed, and the output is displayed line by line. The output includes: 'Discord Bot with gateways's bot created in your account', 'The Bot is set full permission', 'Created a guild gateways guild associated to the bot', 'your account name is bob', 'your Discord server name is bob's server', and 'Created a guild gateways guild associated to the bot'. The prompt changes to '~/u/02-sem/java/13' after the first command and remains there for the rest of the output.