

Practice-1

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```
1      // P-1 Create Java program by using Minimum 5 Variables, one General
      Method, Default Constructor, Parameterized Constructor,
      Different Parameterized constructor(Constructor Overloading)
2
3  class Builder {
4      public String botName;
5      protected String discordToken;
6
7      Builder(String botName, String discordToken) { // parameterized
          constructor
8          if (discordToken.isEmpty()) {
9              System.out.println("Token not found");
10         }
11         this.botName = botName;
12         this.discordToken = discordToken;
13     }
14
15     public void showBotDetails() {
16         System.out.println("Discord Bot with " + botName + " created in
            your account");
17     }
18
19
20     public void createGuild(String guildName) {
21         System.out.println("Created a guild " + guildName + " associated
            to the bot");
22     }
23
24     public void getBotPermission(int permission) {
25         boolean isAdmin = true;
26         boolean isMod = true;
27         boolean BAN_MEMBERS = true;
28         boolean KICK_MEMBERS = true;
29         if (permission == 0) {
30             System.out.println("The Bot created has 0 permission");
31         }
32         if (isAdmin && isMod && BAN_MEMBERS && KICK_MEMBERS) {
```

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33         System.out.println("The Bot is set full permission");
34     }
35
36 }
37
38 public void showBotDetails(String clientName) {
39     System.out.println("Discord Bot with " + botName + " created for
        client" + clientName);
40 }
41
42 }
43
44 class SlashCommands extends Builder {
45
46     SlashCommands() { // default constructor
47         super("botName", "discordToken");
48     }
49
50     public void getMembers() { // method
51         System.out.println("Getting members of the text channel");
52         System.out.println("Channel members are : Elumeveguy\n" + //
53             "Emojorekes\n" + //
54             "Eroxihisom\n" + //
55             "Ulelabutuk\n" + //
56             "Ayibiciqeb\n" + //
57             "Oguyocuxas\n" + //
58             "Uxibabujen\n" + //
59             "Epiwimaguk\n" + //
60             "Idenefibiy\n" + //
61             "Amarebamat");
62
63     }
64
65     public void slashCommand(String user) {
66         // String command='ban';
67         System.out.println("Ban User ");
68         System.out.println("user " + user + " is banned");
69
70     }
71
72 }
73
74 class Client extends SlashCommands {
75     public String name;
76     public String discordServer;
77
78     Client(String name, String discordServer) {
79         this.name = name;
80         this.discordServer = discordServer;
81     }

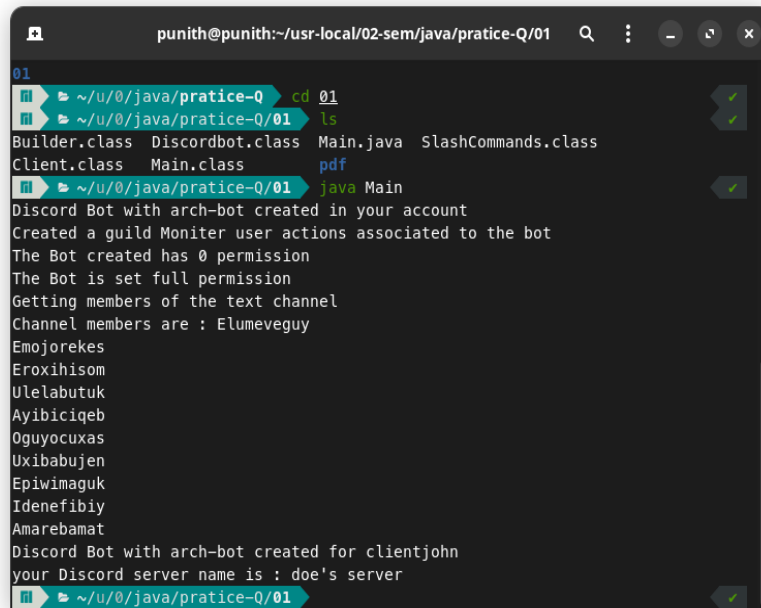
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82
83     Client(String discordServer) { // constructor overloading
84         this.discordServer = discordServer;
85     }
86
87     public void getBotDetails() {
88         if (name == null) {
89             System.out.println("your Discord server name is : " +
100                 discordServer);
101             return;
102         }
103         System.out.println("your account name is " + name);
104     }
105 }
106
107 class Main {
108     public static void main(String[] args) {
109         Builder build = new Builder("arch-bot", "asak9889898ana");
110         build.showBotDetails();
111         build.createGuild("Moniter user actions");
112         build.getBotPermission(0);
113         SlashCommands cl = new SlashCommands();
114         cl.getMembers();
115
116         // client
117         Client client = new Client("doe's server");
118         build.showBotDetails("john");
119         client.getBotDetails();
120     }
121 }

```

Output



```
punith@punith:~/usr-local/02-sem/java/pratice-Q/01
01
~/u/0/java/pratice-Q cd 01
~/u/0/java/pratice-Q/01 ls
Builder.class  Discordbot.class  Main.java  SlashCommands.class
Client.class   Main.class        pdf
~/u/0/java/pratice-Q/01 java Main
Discord Bot with arch-bot created in your account
Created a guild Monitor user actions 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
Amarebamat
Discord Bot with arch-bot created for clientjohn
your Discord server name is : doe's server
~/u/0/java/pratice-Q/01
```