Lab-4

Implement the Interface concept based on your domain with respect to below mentioned criteria.

1. Create minimum three interfaces and two classes.

2. Each interface and classes should have minimum two methods.

3. Implement Multiple Interface like Example- Class Classname Implements Interface1, Interface2.

```java
interface Guild {

public void createGuild(String guildName);



public void getBotPermission(int permission);

}


interface Bot extends Guild {

public void getMembers();


public void slashCommand(String user);

}

class DiscordBot implements Bot {

public void createGuild(String guildName) {

System.out.println("Created a guild " + guildName + " associated to the bot");

}

public void getBotPermission(int permission) {

boolean isAdmin = true;
```

```java
boolean isMod = true;

boolean BAN_MEMBERS = true;

boolean KICK_MEMBERS = true;

if (permission == 0) {

System.out.println("The Bot created has 0 permission");

}

if (isAdmin && isMod && BAN_MEMBERS && KICK_MEMBERS) {

System.out.println("The Bot is set full permission");

}

}

public void getMembers() {

System.out.println("Getting members of the text channel");

System.out.println("Channel members are : Elumeveguy\n" + //

"Emojorekes\n" + //

"Eroxihisom\n" + //

"Ulelabutuk\n" + //

"Ayibiciqeb\n" + //

"Oguyocuxas\n" + //

"Uxibabujen\n" + //

"Epiwimaguk\n" + //

"Idenefibiy\n" + //

"Amarebamat");

}
```

```java
public void slashCommand(String user) {

// String command='ban';

System.out.println("Ban User ");

System.out.println("user " + user + " is banned");

}


public String name;

public String discordServer;


DiscordBot(String name, String discordServer) {

this.name = name;

this.discordServer = discordServer;

}


public void getBotDetails() {

System.out.println("your account name is " + name);

System.out.println("your Discord server name is " + discordServer);
}

}


class Discord {

public static void main(String args[]) {

DiscordBot bot = new DiscordBot("bob_account", "bobServer");

bot.createGuild("Capture_the_flag_bot");
```

```
bot.getBotPermission(122);

bot.getMembers();

bot.slashCommand("bob");

bot.getBotDetails();

}

}
```

```
bot.getBotPermission(122);

bot.getMembers();

bot.slashCommand("bob");
```