

```

Scanner input = new Scanner(System.in);

System.out.print("Please enter your first name: ");
String name = input.nextLine();

System.out.print("Please enter your last name: ");
String lastName = input.nextLine();

String firstLetter = lastName.substring(0, 1).toUpperCase();

```

user to enter their first and last names. It uses a scanner to read the input from the keyboard. After the user inputs their names, the code takes the first letter of the last name, changes it to uppercase, and stores it in a variable. Essentially, it's a simple program to gather a person's name and prepare to do something with the first letter of their last name.

```

int group;
switch (firstLetter) {
    case "A":
    case "B":
    case "C":
    case "D":
    case "E":
    case "F":
    case "G":
    case "H":
    case "I":
        group = 1;
        break;
}

```

check the first letter of a last name and assign it to a group. If the letter is between "A" and "I", it puts the person in group 1. The switch statement does this by looking for matching letters and setting the group number accordingly.

```
    }

    if (group > 0) {
        System.out.println(name + " " + lastName + ", Brilliant your in group " + group + ".");
    } else {
        System.out.println("wrong last name. Please try again.");
    }

}

}
```

check if the group number is valid. If it is, it shows a message saying which group the user is in. If the group number isn't valid, it tells the user to try entering their last name again. It's giving feedback based on the user's input.