

Reflection Logs

Credit name: Chapter 5

Assignment Name: Mastery - GroupAssignment

```
System.out.print("Enter your first name: ");
String firstname = userInput.next();
System.out.print("Enter your last name: ");
String lastname = userInput.next();
```

Get the user's basic information (first and last name)

```
char lastnameFirstLetter = lastname.charAt(0);
String lastnameFirstLetter1 = String.valueOf(lastnameFirstLetter);
```

Use the .charAt() method at 0 index to get the first letter from user's last name

```
String group1 = "ABCDEFGHGI";
String group2 = "JKLMNOPQRS";
String group3 = "TUVWXYZ";
```

Create 3 strings representing 3 groups include lists of letters assigned for each group.

```
if (group1.toUpperCase().contains(lastnameFirstLetter1.toUpperCase())) {
    System.out.print(firstname+" "+lastname+" is assigned to Group 1");
}
if (group2.toUpperCase().contains(lastnameFirstLetter1.toUpperCase())) {
    System.out.print(firstname+" "+lastname+" is assigned to Group 2");
}
if (group3.toUpperCase().contains(lastnameFirstLetter1.toUpperCase())) {
    System.out.print(firstname+" "+lastname+" is assigned to Group 3");
}
}
```

Use the if statement to identify the group that the user's last name belongs to.

- First: make sure the "group" and the user's input are the same by using the .toUpperCase() method.
- Use the .contains() method to check which group contains the the user's last name first letter.