

ReflectionLog:GroupAssignment

Youdis

```
package Mastery;

import java.util.Scanner;

public class GroupAssignment {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        //getting ready to record inputs
        Scanner Input = new Scanner(System.in);
        //declaring variables
        String lastName, firstName;
        char Initial;
        int groupNum = 0;
```

Creating scanner object to record inputs, declaring and initializing needed variables

```
//prompting user for their first and last name and recording them
System.out.print("Enter your first name: ");
firstName = Input.next();
System.out.print("Enter your last name: ");
lastName = Input.next();
```

Prompting user for their first and last name then storing it previously declared variables

```
//taking first initial
Initial = Character.toUpperCase(lastName.charAt(0));
//checking to see what group, user falls into
if (Initial >= 'A' && Initial <= 'I') {
    //if first letter of last name is between A and I then in group 1
    groupNum = 1;}
else if (Initial >= 'J' && Initial <= 'S') {
    //if first letter of last name is between J and S then in group 2
    groupNum = 2;}
else if (Initial >= 'T' && Initial <= 'Z') {
    //if first letter of last name is between T and Z then in group 3
    groupNum = 3;}
```

Extracting first character out of last name and then using that to check which group(1-3) the user will be placed in

```
//Outputs user's full name and what group they are in
System.out.print(firstName + " " + lastName + " is assigned to group " + groupNum);
```

Outputs the users full name and which group they are assigned to