

Group assignment reflection logs:

I started by declaring all my variables using string which is for character values via letters which is very important in this code. Every user must enter their first and last names for the system to define them by a group. I used a char command to store each character from a-z. I'm using conditional statements to categorize everybody's first letter of their last names into one of three groups. In the first statement if the user's input is greater or equal to 'a' and less than or equal to 'i' then they belong to group 1 if they start with 'j' - 's' then they belong to group 2 everything else will belong to group 3

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16
17 public static void main(String[] args) {
18     Scanner input = new Scanner(System.in);
19     //declarations
20     String firstname, lastname;
21
22     //asking user for their names
23
24     System.out.println("Please input your first name");
25     firstname = input.next();
26
27     System.out.println("Please input your last name");
28     lastname = input.next();
29
30     //determining which names go within which test
31     char letter = (lastname.toLowerCase().charAt(0));
32     if(letter >= 'a' && letter <= 'i')
33     {
34         System.out.print(firstname + " " + lastname + " You are in group 1 ");
35     }
36     else if(letter >= 'j' && letter <= 's')
37     {
38         System.out.println(firstname + " " + lastname + "You are in group 2 ");
39     }
40     else
41     {
42         System.out.println(firstname + " " + lastname + "You are in group 3 ");
43     }
44 }
45 /*
46 case 1:
47 Please input your first name
48 i
```