

Credit Name: CSE2140 2nd Language Programming

Assignment Name: Group Assignment Mastery

How has your program changed from planning to coding to now? Please explain?

Declared the variable type as string as we are dealing with names. Initialized group 1 as "j" and group 2 as "t" so that I can compare it later on.

Letters are shifted 1 over to be inclusive.

```
String firstN, lastN, group1, group2;  
group1 = "j";  
group2 = "t";
```

Prepared for user to input an answer.

```
//Preparing for user input and  
Scanner userInput = new Scanner(System.in);
```

Prompt user to input their first and last name and initialize it.

```
//Prompt user to input first and last name  
System.out.print("Enter your first name: ");  
firstN = userInput.next();  
System.out.print("Enter your last name: ");  
lastN = userInput.next();
```

Assign which group the user will be in. If the user's last name comes before the letter assigned to group 1 ("j"), it will return a negative integer, so if it returns a number less than 0, display that they are assigned to group 1. Repeat for group 2. Else display that the user is assigned to group 3.

```
//Compare and assign group number by last name  
if (lastN.compareToIgnoreCase(group1) < 0 ) {  
    System.out.print(firstN + " " + lastN + " is assigned to Group 1.");  
}  
else if (lastN.compareToIgnoreCase(group2) < 0) {  
    System.out.print(firstN + " " + lastN + " is assigned to Group 2.");  
}  
else {  
    System.out.print(firstN + " " + lastN + " is assigned to Group 3.");  
}
```