

Credit Name: CSE 2110 Procedural Programming 1

Assignment Name: GroupAssignment

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

I began by importing scanner to prepare for user input

```
//preparing for user input  
Scanner input = new Scanner(System.in);
```

Prompted user to enter first and last name, and recorded user input in new string variables "firstName" + "lastName"

```
//Prompt user for first name and record user input  
System.out.print("Please enter your first name: ");  
String firstName = input.next();  
  
//Prompt user for last name and record user input  
System.out.print("Please enter your last name: ");  
String lastName = input.next();
```

Took the character at position 0 of the variable lastName using charAt, and stored it as variable "initial".

```
//Take first letter of last name as a char  
char initial = lastName.charAt(0);
```

Converted variable "initial" to string, and turned character into upper-case; comparisons are case sensitive, making this step necessary.

Using switch case, compared the value of "initial" to the correspondent letters found in each group - displaying responding message.

```
//Type-cast char initial variable into string, and convert into upper-case for comparison  
//Determine which group initial belongs in (matches which switch case), and output group number to user.  
switch (Character.toString(initial).toUpperCase()) {  
    case "A","B","C","D","E","F","G","H","I": System.out.println(firstName + " " + lastName + " is assigned to Group 1"); break;  
    case "J","K","L","M","N","O","P","Q","R","S": System.out.println(firstName + " " + lastName + " is assigned to Group 2"); break;  
    case "T","U","V","W","X","Y","Z": System.out.println(firstName + " " + lastName + " is assigned to Group 3"); break;
```