Credit Name: CSE 2110 Procedural Programming 1

Assignment: GroupAssignment

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

```
//Declaration
String firstn, lastn;

//Prepare for User Input
Scanner UserInput = new Scanner(System.in);
```

First name and last name are strings.
We set up scanner for user input.

```
System.out.print("Enter your first name: ");
firstn = UserInput.next();

System.out.print("Enter your last name: ");
lastn = UserInput.next();

//Convert last name to lower case
String lastnlower = lastn.toLowerCase();

UserInput.close();
```

We get the user to enter their first and last name. Then we convert their lastname to lower case.

```
//getting the first letter in last name:
char lastnameinitial = lastnlower.charAt(0);
```

We use the CharAt() method to get the first character at index 0. (first letter in last name)

```java
    //If statement to arrange groups depending on initial
    if (lastnameinitial >= 'a' && lastnameinitial <= 'i')
    {
        System.out.print(firstn + " "+ lastn + " is assigned to Group 1");
    }
    else if (lastnameinitial > 'i' && lastnameinitial <= 's')
    {
        System.out.print(firstn + " "+ lastn + " is assigned to Group 2");
    }
    else
    {
        System.out.print(firstn + " "+ lastn + " is assigned to Group 3");
    }
}
```

If statement to separate people into groups by using their last name initial character.