CS 101: Introduction to Computer Science

Project Two - Understanding the User

Student Name	Mohammad El-Abid
Student ID	
Professor	Yasser Elleithy
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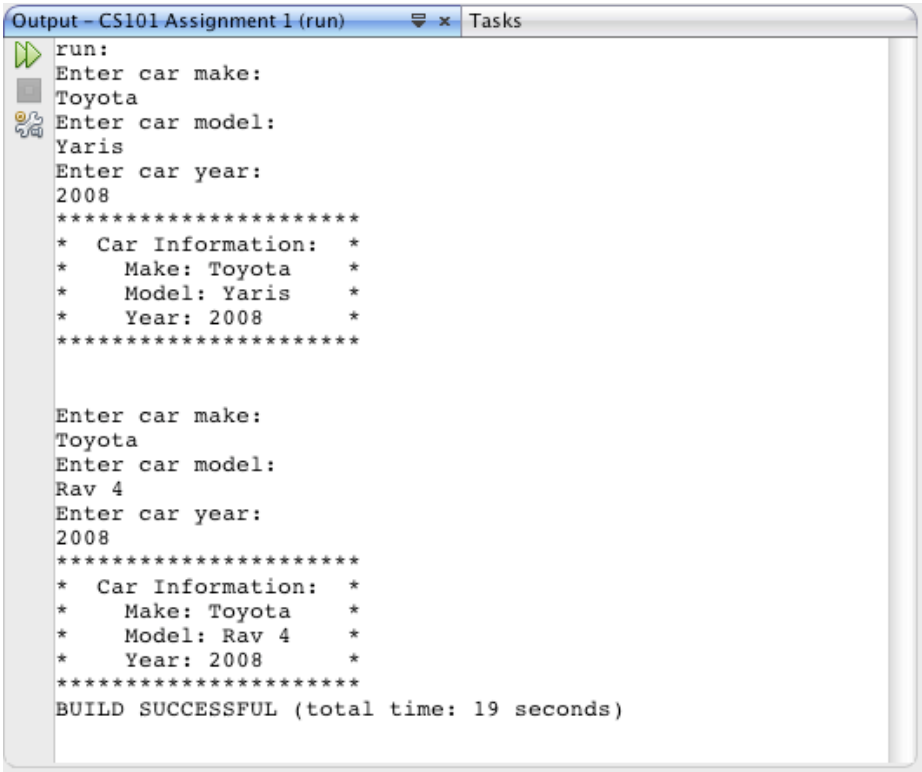
Abstract

The goal of this application is to create an output similar to the following. The names of the make, model, and year are all inputs from the user, using the `STDIN` object in `System.in`. STDIN stands for **St**andar**d** **In**put and is generally given in a terminal or terminal like interface.



Introduction

This application was rather easy and straight forward. We have three inputs from the user, which will require the use of a `Scanner` that is constructed with `System.in`. And then repeat this process in a different method called `carInformation()`.

Screenshots

Example of application output:

Code

File: blah.java

Conclusion

Java has some powerful built in packages, such as `java.util.Scanner`, and classes, like `String`. The mentioned package and class, make it extremely easy to code the application requested. I also created a class for pretty printing, with this class I learned how to do some simple loops like printing the stars x amount of times.

I had fun writing the pretty print class since I had a few logical errors and learned a bit on how to “debug” it (printing variables and their values to the screen and common culprits). I also worked with jUnit and learned how to test applications that depend on user input and how to capture the output.

I also wrote JavaDoc for all, if not most, methods and variables in my application and supporting classes. It does make the code feel a bit more messy, mainly in the variable declarations. Which is perhaps the one spot where I do not need JavaDoc, but it’s nice to have the popup of exactly what this function does or what this variable is used for when I’m typing it in an external file. I also hope that because of the JavaDoc in my pretty print class, that I can use it again and constantly build ontop of it or that other developers may find it useful for their project too.

Works Used

None