

CSC340.05


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Assignment 00

08-30-2019 at 11:55 PM

Part A – Communication

1. iLearn



Re: Welcome to CSC 340.03, CSC 340.04, and CSC 340.05
by [Jungsun Eoh](#) - Tuesday, 27 August 2019, 11:48 AM

Looking forward to learning lots from this class. Good luck for everyone!

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2. Grader/Client

- a. <https://ilearn.sfsu.edu/ay1920/mod/forum/view.php?id=150441>
- b. **Alexander Kohanim** | akohanim@mail.sfsu.edu
- c. **Alexander Wolski** | awolski@mail.sfsu.edu

3. Assignment Report Template

I read the “Assignments Report Template.”

4. Emailing

- a. I was informed that I need to use my SFSU email when I reach my graders and lecturer out during the course.
- b. I was informed that I will use the certain subject, “CSC 340.05 TOE,” when I reach my graders and lecturer out during the course.
- c. I was informed that I might not get my response unless I stick to two policies up above.

Part B – File Manager

1. Directory “JAVA-TransferableKnowledge”

CSC340/JAVA-TransferableKnowledge:

IDX	FILE NAME	TYPE	SIZE	LAST MODIFIED	PERMS
1	00-README.txt	File	0.00 MB	01:06 08-26-19	604
2	Assertion.pdf	File	0.29 MB	01:06 08-26-19	604
3	Big-O.pdf	File	0.83 MB	01:06 08-26-19	604
4	BigO-GrowthRates.xlsx	File	0.76 MB	01:06 08-26-19	604
5	CSC220-DucTa-Spring2018.url	File	0.00 MB	01:06 08-26-19	604
6	ClassDesignGuidelines.pdf	File	0.27 MB	01:06 08-26-19	604
7	CommandLine-NetBeans.pdf	File	0.43 MB	01:06 08-26-19	604
8	Compare.pdf	File	0.87 MB	01:06 08-26-19	604
9	Exceptions.pdf	File	0.45 MB	01:06 08-26-19	604
10	Generics.pdf	File	0.58 MB	01:06 08-26-19	604
11	GoogleGuava.pdf	File	0.71 MB	01:06 08-26-19	604
12	Hashing.pdf	File	0.53 MB	01:06 08-26-19	604
13	ProgrammingTipsCSC220.pdf	File	0.46 MB	01:06 08-26-19	604
14	Shallow_and_Deep_Copies.pdf	File	0.66 MB	01:06 08-26-19	604
15	SortingSelectionInsertionShell.pdf	File	1.03 MB	01:06 08-26-19	604
16	enum.pdf	File	0.36 MB	01:06 08-26-19	604
17	main.pdf	File	0.30 MB	01:06 08-26-19	604

[CSC340 iLearn](#): Announcements and Forums

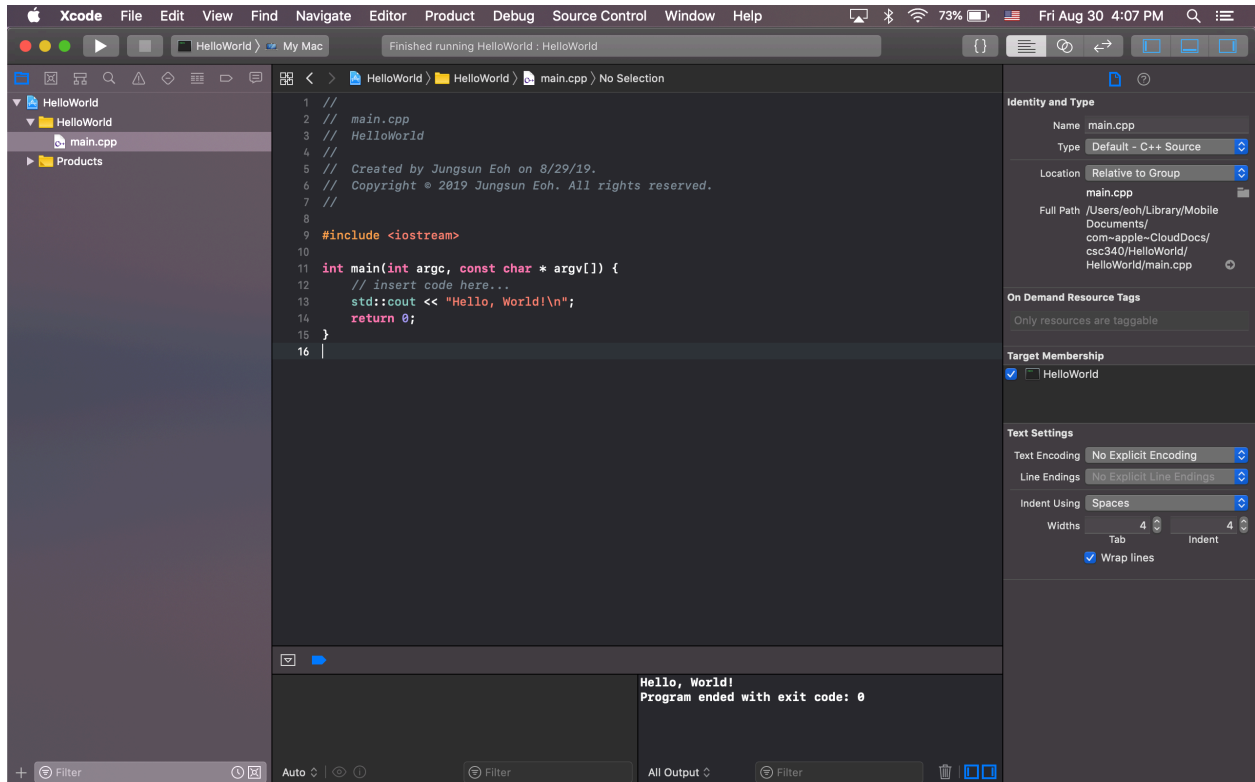
2. Directory “CPP-Reference”

CSC340/CPP-Reference:

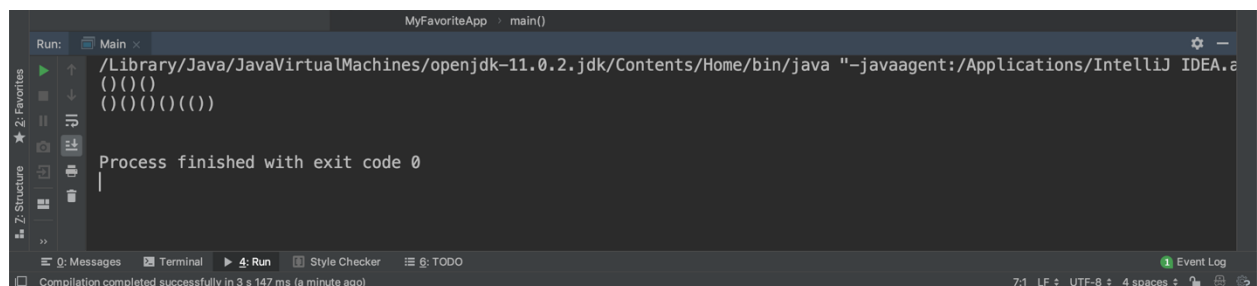
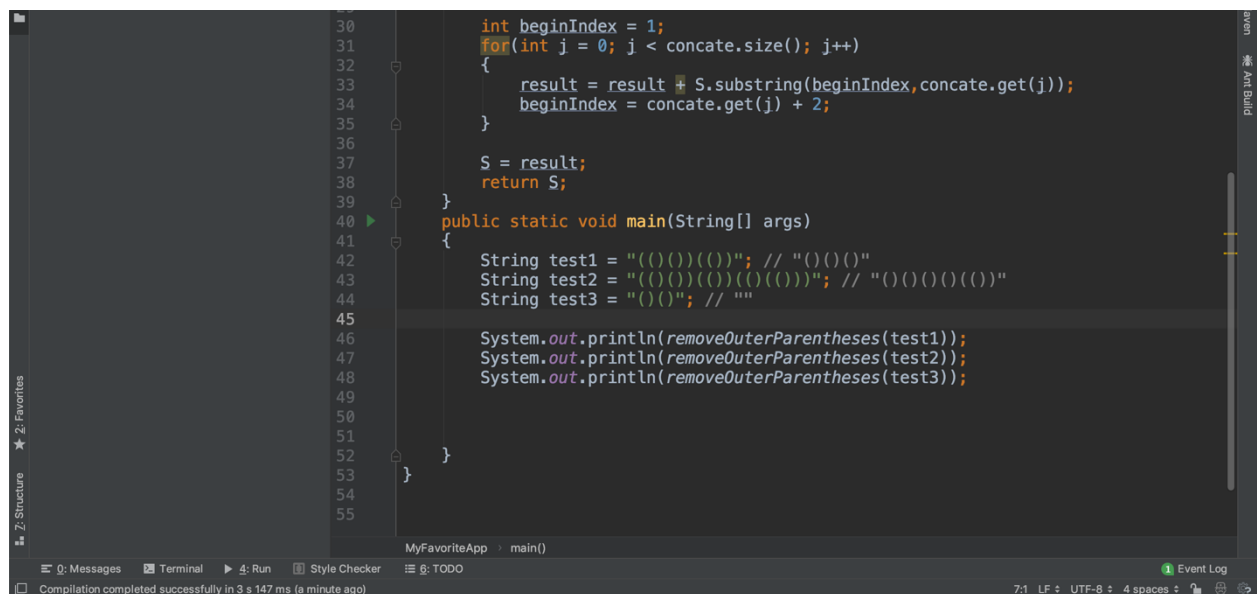
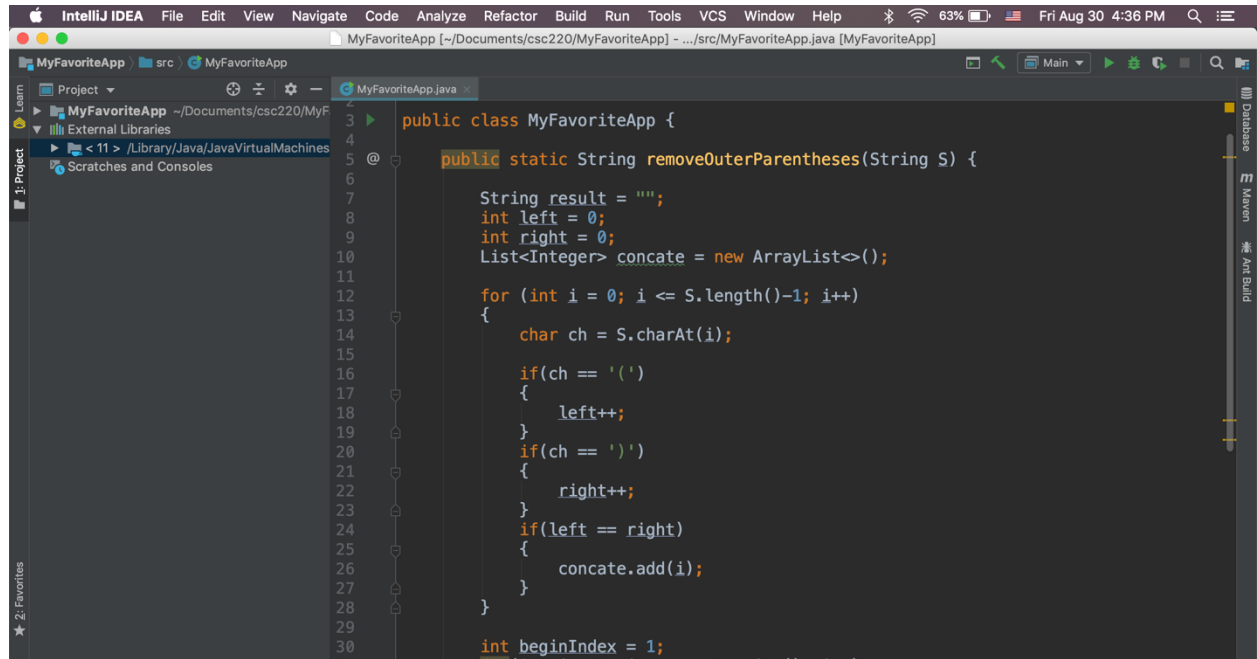
IDX	FILE NAME	TYPE	SIZE	LAST MODIFIED	PERMS
1	00-README.txt	File	0.00 MB	01:09 08-26-19	604
2	01-WelcomePrograms/	DIR	0.00 MB	01:09 08-26-19	705
3	02-SimplePrograms/	DIR	0.00 MB	01:09 08-26-19	705
4	03-Selections/	DIR	0.00 MB	01:08 08-26-19	705
5	04-MathCharsStrings/	DIR	0.00 MB	01:08 08-26-19	705
6	05-Loops/	DIR	0.00 MB	01:08 08-26-19	705
7	06-Functions/	DIR	0.00 MB	01:08 08-26-19	705
8	07-1DArrayCStrings/	DIR	0.00 MB	01:08 08-26-19	705
9	08-MultiDArray/	DIR	0.00 MB	01:08 08-26-19	705
10	09-ObjectsClasses/	DIR	0.00 MB	01:08 08-26-19	705
11	10-OOPThinking/	DIR	0.00 MB	01:08 08-26-19	705
12	11-PointersDynamicMemoryManagement/	DIR	0.00 MB	01:07 08-26-19	705
13	12-TemplatesVectorsStacks/	DIR	0.00 MB	01:07 08-26-19	705
14	13-FileInputOutput/	DIR	0.00 MB	01:07 08-26-19	705
15	14-OperatorOverloading/	DIR	0.00 MB	01:07 08-26-19	705
16	15-InheritancePolymorphism/	DIR	0.00 MB	01:07 08-26-19	705
17	16-ExceptionHandling/	DIR	0.00 MB	01:07 08-26-19	705
18	17-Recursion/	DIR	0.00 MB	01:06 08-26-19	705

[CSC340 iLearn: Announcements and Forums](#)

Part C – IDE



Part D – Refreshment



My program removes outermost parentheses from String object s. So if I Input the string, "(()())()", the program should output, "()()()". To get the results, I make a loop through the string from index 0 to last of a character of the string. And I make two integers to keep track if the parentheses are closed. I store the index of the last closing parentheses in an arraylist. I use arraylist for multiple outer parentheses case. But I think I could use other data structure, such as linked list, for efficiency. More, I could use stack class to approach the problem in a better way. To improve my code, I should have assert line for if the string is valid parentheses or even parentheses.

Part E- shortcuts

Edit All in Scope



This is one of my favorite shortcuts, because I change my variables name a lot. This feature makes the changes all in a once.

Comment / Uncomment



This shortcut makes every line that I dragged in commented.

Build



Run



These 2 are the shortcuts that I use everyday.

Simply build and run.

Next Issue



Previous Issue



Add Breakpoint



These 3 are the shortcuts for debugging. They helps user to navigate through my code. I could move forward and back with first two, and make a breakpoint with last one.