

Course: CSC340.05

Student: Kyle Harvey, SFSU ID:

Teammate:

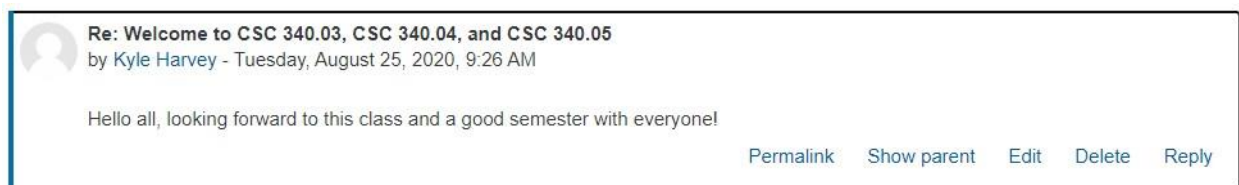
Assignment Number: 01

Assignment Due Date & Time: 09-01-2020 at 11:55 PM

Question **Part A** #1 b: In “ASMT 1 Discussions” forum, please reply to the post  
“Welcome to CSC 340.03, CSC 340.04, and CSC 340.05”

- Answer/Summary/Discussion:

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Question **Part A** #2 a: Please write a statement here to confirm that you will use your SFSU email address (@mail.sfsu.edu) when contacting your grader and your course instructor so that your emails will not be filtered. Thank you.

- Answer/Summary/Discussion: I confirm that I will use my SFSU email address when it comes to contacting my grader and course instructor so that my emails will not be filtered.

Question **Part A** #2 b: Please write a statement here to confirm that when contacting your course instructor, you will start your email subject with this format: “CSC 340.03 TIC ” or “CSC 340.04 TAC ” or “CSC 340.05 TOE ” so that you will get an answer timely. Thank you..

- Answer/Summary/Discussion: I confirm that when I'm contacting my course instructor, I will start my email subject with the format: "CSC 340.05 TOE " so that I will get an answer timely.

Question **Part A #2 c**: Please confirm that if you do not get an answer within 24 hours, you will check if you sent your email properly. And in either case, you will kindly resend your email message. Thank you...

- Answer/Summary/Discussion: I confirm that when I don't get an answer within 24 hours, I will check if I sent out my email properly and will kindly resend my email message again.

Question **Part A #3 a**: What is the URL of your grader's forum on iLearn?

- Answer/Summary/Discussion:

<https://ilearn.sfsu.edu/ay2021/mod/forum/view.php?id=122350>

Question **Part A #3 b**: What is your grader's full name?

- Answer/Summary/Discussion: Luke Chang-Knezevich

Question **Part A #3 c**: What is your grader's SFSU email address? Please email your grader when you have questions.

- Answer/Summary/Discussion: [lchangknezevich@mail.sfsu.edu](mailto:lchangknezevich@mail.sfsu.edu)

Question **Part A #4 a**: Please write a statement here to confirm that you have carefully read, understood, and agreed to the Guidelines for ALL Assignments above and the Assignment Report Template. If you have any questions, please list all of them here then please email the course grader or the course instructor before the 2nd week of the semester to get an answer.

Thank you

- Answer/Summary/Discussion: YES. This is to confirm that I have carefully read, understood, and agreed to the Guidelines for ALL Assignments above and the Assignment Report Template. I will strictly follow the instructions.

Question **Part A** #5 a: Please write a statement here to confirm that you have carefully read, understood, and agreed to the Course Policy on Student Conduct and Academic Honesty which was distributed with the course syllabus and whose digital copy was shared on the File Manager. You are acutely aware that the policy includes, but is not limited to, the San Francisco State University's Code of Student Conduct (at <https://conduct.sfsu.edu/standards>), The Computer Science Department's Student Policies (at <https://cs.sfsu.edu/student-policies>), and the Honor Code of this course (at [http://csc220.ducta.net/00-README-StudentConduct\\_AcademicHonesty.pdf](http://csc220.ducta.net/00-README-StudentConduct_AcademicHonesty.pdf)). You will honor and strictly follow all the rules. If you have any questions, please list all of them here then please email the course grader or the course instructor before the 2nd week of the semester to get an answer. Thank you.

- Answer/Summary/Discussion: YES. This is to confirm that I have carefully read, understood, and agreed to the Course Policy on Student Conduct and Academic Honesty which was distributed to me with the course syllabus and whose digital copy was shared with me on the File Manager. I am acutely aware that the policy includes, but is not limited to, the San Francisco State University's Code of Student Conduct (at <https://conduct.sfsu.edu/standards>), the Computer Science Department's Student Policies (at <https://cs.sfsu.edu/student-policies>), and the Honor Code of this course (at [http://csc220.ducta.net/00-README-StudentConduct\\_AcademicHonesty.pdf](http://csc220.ducta.net/00-README-StudentConduct_AcademicHonesty.pdf)). I will strictly follow all the rules.

Question **Part B** #1: Directory “JAVA-TransferableKnowledge”

- Log in the CSC 340 File Manager.
- Locate directory “JAVA-TransferableKnowledge” and check it out.
- Include a screenshot of this page in your report.

- Answer/Summary/Discussion:

**CSC340/JAVA-TransferableKnowledge:**

IDX	FILE NAME	TYPE	SIZE	LAST MODIFIED	PERMS
1	<a href="#">00-README.txt</a>	File	0.00 MB	02:18 08-14-20	604
2	<a href="#">Assertion.pdf</a>	File	0.29 MB	02:18 08-14-20	604
3	<a href="#">Big-O.pdf</a>	File	0.83 MB	02:18 08-14-20	604
4	<a href="#">BigO-GrowthRates.xlsx</a>	File	0.76 MB	02:18 08-14-20	604
5	<a href="#">CSC220_DataStructures/</a>	DIR	0.00 MB	02:18 08-14-20	705
6	<a href="#">ClassDesignGuidelines.pdf</a>	File	0.27 MB	02:18 08-14-20	604
7	<a href="#">CommandLine-NetBeans.pdf</a>	File	0.43 MB	02:18 08-14-20	604
8	<a href="#">Compare.pdf</a>	File	0.87 MB	02:18 08-14-20	604
9	<a href="#">Exceptions.pdf</a>	File	0.45 MB	02:00 08-14-20	604
10	<a href="#">Generics.pdf</a>	File	0.58 MB	02:00 08-14-20	604
11	<a href="#">GoogleGuava.pdf</a>	File	0.71 MB	02:00 08-14-20	604
12	<a href="#">Hashing.pdf</a>	File	0.53 MB	02:00 08-14-20	604
13	<a href="#">ProgrammingTipsCSC220.pdf</a>	File	0.46 MB	02:00 08-14-20	604
14	<a href="#">Shallow_and_Deep_Copies.pdf</a>	File	0.66 MB	02:00 08-14-20	604
15	<a href="#">SortingSelectionInsertionShell.pdf</a>	File	1.03 MB	02:00 08-14-20	604
16	<a href="#">enum.pdf</a>	File	0.36 MB	02:00 08-14-20	604
17	<a href="#">main.pdf</a>	File	0.30 MB	02:00 08-14-20	604

[CSC340 iLearn: Announcements and Forums](#)

Question **Part B** #2: Directory “CPP-Reference”

- Log in the CSC 340 File Manager.
- Locate directory “CPP-Reference” and check it out.
- Include a screenshot of this page in your report.

- Answer/Summary/Discussion:

## CSC340/CPP-Reference:

IDX	FILE NAME	TYPE	SIZE	LAST MODIFIED	PERMS
1	<a href="#">00-README.txt</a>	File	0.00 MB	02:00 08-14-20	604
2	<a href="#">01-WelcomePrograms/</a>	DIR	0.00 MB	02:00 08-14-20	705
3	<a href="#">02-SimplePrograms/</a>	DIR	0.00 MB	02:00 08-14-20	705
4	<a href="#">03-Selections/</a>	DIR	0.00 MB	02:00 08-14-20	705
5	<a href="#">04-MathCharsStrings/</a>	DIR	0.00 MB	01:59 08-14-20	705
6	<a href="#">05-Loops/</a>	DIR	0.00 MB	01:59 08-14-20	705
7	<a href="#">06-Functions/</a>	DIR	0.00 MB	01:59 08-14-20	705
8	<a href="#">07-1DArrayCStrings/</a>	DIR	0.00 MB	01:59 08-14-20	705
9	<a href="#">08-MultiDArray/</a>	DIR	0.00 MB	01:59 08-14-20	705
10	<a href="#">09-ObjectsClasses/</a>	DIR	0.00 MB	01:59 08-14-20	705
11	<a href="#">10-OOPThinking/</a>	DIR	0.00 MB	01:59 08-14-20	705
12	<a href="#">11-PointersDynamicMemoryManagement/</a>	DIR	0.00 MB	01:58 08-14-20	705
13	<a href="#">12-TemplatesVectorsStacks/</a>	DIR	0.00 MB	01:58 08-14-20	705
14	<a href="#">13-FileInputOutput/</a>	DIR	0.00 MB	01:58 08-14-20	705
15	<a href="#">14-OperatorOverloading/</a>	DIR	0.00 MB	01:58 08-14-20	705
16	<a href="#">15-InheritancePolymorphism/</a>	DIR	0.00 MB	01:58 08-14-20	705
17	<a href="#">16-ExceptionHandling/</a>	DIR	0.00 MB	01:58 08-14-20	705
18	<a href="#">17-Recursion/</a>	DIR	0.00 MB	01:57 08-14-20	705

[CSC340 iLearn: Announcements and Forums](#)

### Question **Part C** #1:

Windows Users:

1. Install the latest Community (Free) version of Microsoft Visual Studio:

- Article: [Install C++ support in Visual Studio](#)

- URL: <https://docs.microsoft.com/en-us/cpp/build/vscpp-step-0-installation>

2. Write the “Hello World” program:

- Article: [Create a C++ console app project](#)

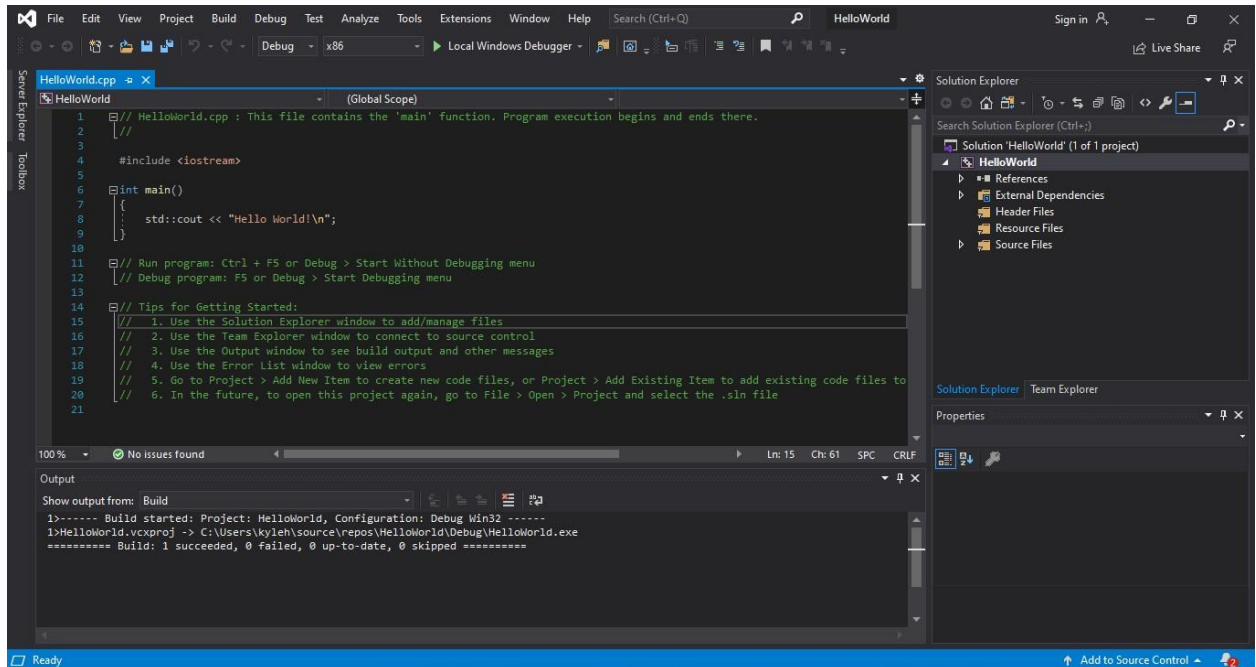
- URL: <https://docs.microsoft.com/en-us/cpp/build/vscpp-step-1-create>

3. Take screenshots of your newly installed Microsoft Visual Studio IDE. The screenshots should show both the

code and the output of your “Hello World” program.

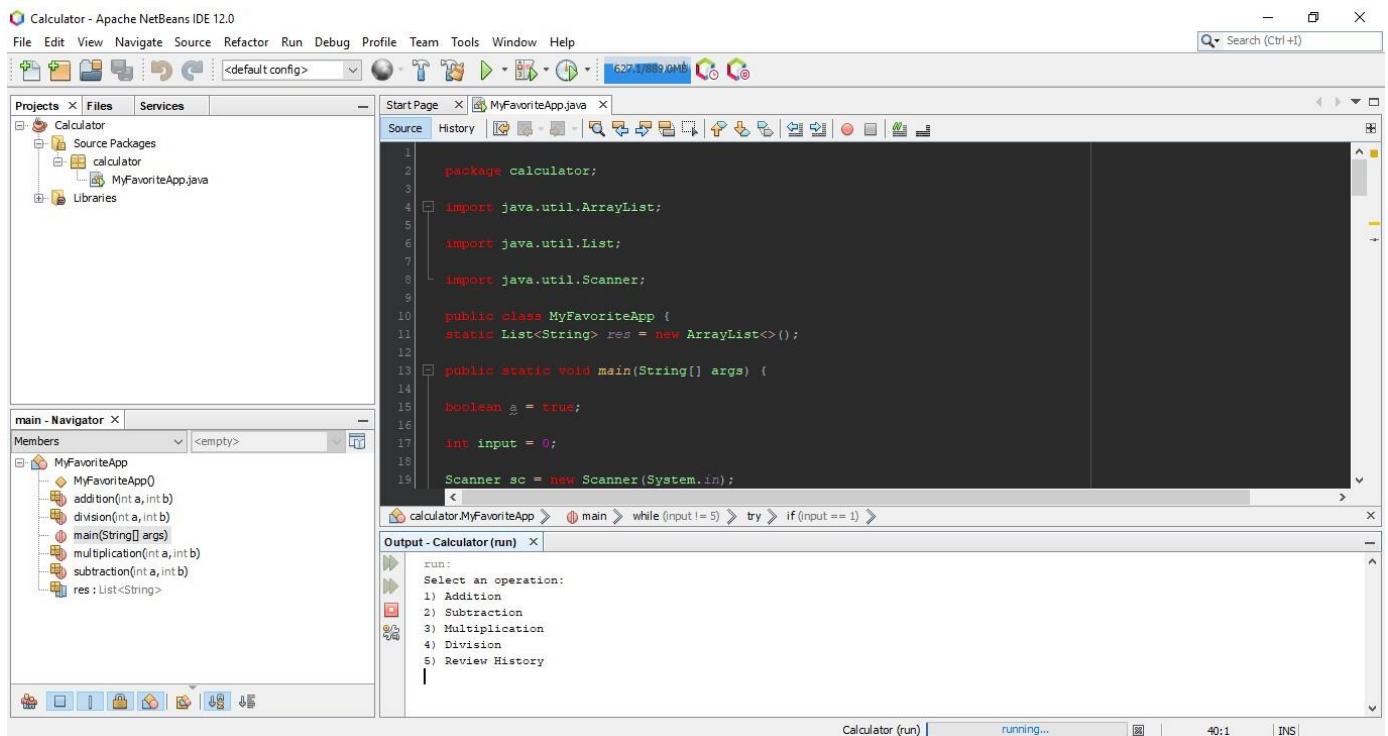
4. Include your program in your assignment submission.

- Answer/Summary/Discussion:



**Question Part D #1:**

- a. Please change the name of a favorite Java program you wrote to “MyFavoriteApp.java” and run it.
- b. Take screenshots of your Java IDE windows. The screenshots should show both code and output.
- c. In half a page or more, outline how you would improve your program.
- d. Include your program in your assignment submission.
- e. If you need assistance with Java or Java IDE, please use the resources posted on the File Manager and in directory File Manager/WEEK-01

**- Answer/Summary/Discussion:**

How I would make the calculator better, first starting with being able to input multiple numbers and operators to calculate that way the user isn't calculating only two numbers at a time. It would be a string of one long equation. If possible, give the calculator a better interface that makes it easier to use and more appealing to an actual calculator. Also if users want to go back to the same equation they enter before to re-edit in case they aren't satisfied with the output. The calculator also doesn't return values with decimals when it comes to the division operation. It needs the double data type added to include any missing values from the equation.