ASSIGNMENT INSTRUCTIONS

1. Assignment 01:   **20 points with 2 E.C. points**
2. Due Date & Time: **02-01-2021 at 11:55 PM**

WHAT TO SUBMIT
1. Assignment Report in PDF format
2. Code

HOW TO SUBMIT AND THE RULES TO FOLLOW
- Submit via iLearn, the Assignment Submission section
- Please refer to Assignment 01 for the Assignment Guidelines
- Please follow the Assignment Report Template
- Please follow the Course Policy on Student Conduct and Academic Honesty

PERFORMANCE TRACKER		
ASMT	GRADE	YOUR GRADE
ZOOM	05	
01	20	
TOTAL	25	

A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: 0-60%
The course grader provides feedback to your assignments on iLearn.

GUIDELINES FOR **ALL ASSIGNMENTS**:

1. Please always read through the entire assignment before starting any of it.

2. What to turn in for each assignment:
    a. Assignment Report: *The assignment report containing everything which is not the source code.*
    b. Code (if any):   *The source code files, only the files which we create and edit.*

3. Assignment Report:
    a. Please read **carefully**:   http://csc220.ducta.net/Assignments/AssignmentReportTemplate.html
    b. File name format: **`<First Name><Last Name>-Assignment-##-Report.pdf`**
        - Example: ***`DucTa-Assignment-01-Report.pdf`***
    c. File type: **`PDF (Portable Document Format)`** whose extension is **`.pdf`**

4. If the assignment contains code, please zip all the required files into 1 single **`ZIP`** archive.
    a. **`ZIP`** file name format: **`<First Name><Last Name>-Assignment-##.zip`**
        - Example: ***`DucTa-Assignment-01.zip`***
    b. Submit the **`ZIP`** via iLearn, the Assignment and Exam Submission section

PART A – Communication, 10 points

1. iLearn
    a. Log in iLearn.
    b. In "**`ASMT 1 Discussions`**" forum, please reply to the post "**`Welcome to CSC 220.02 and CSC 220.03`**"
    c. Take a screenshot of your reply.
    d. Include the screenshot in your assignment report.

2. Emailing

    To answer A.2 questions, you may write: YES. This is to confirm that I …

    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.
    b. Please write a statement here to confirm that when contacting your course instructor, you will start your email subject with this format: **`"CSC 220.02 PoNG" or "CSC 220.03 PiNG"`** so that you will get an answer timely. Thank you.
    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.

3. Grader

     We have one grader for each section of our class who grades our assignments. Questions regarding assignments and assignment grades should be directed to the grader.
   a. What is the URL of your grader's forum on iLearn?
   b. What is your grader's full name?
   c. What is your grader's SFSU email address? Please email your grader when you have questions.

4. Guidelines for All Assignment and Assignment Report Template

     *To answer A.4, you may write: 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.*

     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.

5. Course Policy on Student Conduct and Academic Honesty

     *To answer A.5, please write **exactly**:*

     *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). I will strictly follow all the rules.*

     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). 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.

6. CSC220 File Manager
   a. Please log in to the CSC 220 File Manager.
   b. Locate file "**2020Fall-CSC220-AdvisingForCSC220.html**" and read through it. Include a screenshot of this page in your assignment report.
   c. Locate directory "**CSC220/StrongFoundationCSC210**" and browse through it. Include a screenshot of this directory in your assignment report.

PART B – NetBeans IDE Installation, 5 points

1. Install the latest NetBeans IDE by following the instructions given in class and the lecture slides including:
   - On Windows: **http://csc220.ducta.net/WEEK-01/NetBeans_Installation_Windows.pdf**
   - On macOS: **http://csc220.ducta.net/WEEK-01/NetBeans_Installation_MacOS.pdf**
2. Change the name of a favorite Java program you wrote to **"MyFavoriteApp.java"** and run it in your newly installed NetBeans.
3. Take a screenshot of your NetBeans. The screenshot should show both code and output.
4. In half a page or more, outline how you would make your program better.
5. Please remember to submit your **MyFavoriteApp.java** file (and related files, if any).

PART C – NetBeans Plugins and Shortcuts, 5 points

1. Install 3 NetBeans Plugins

    - Please install QuickOpener and 2 other plugins of your choice.
    - Useful links, applicable to the newer NetBeans versions including NetBeans 12.2 of 2021:
        - `http://csc220.ducta.net/WEEK-01/NetBeans_Installation_QuickOpener_Plugin.pdf`
        - `https://cwiki.apache.org/confluence/display/NETBEANS/Using+8.2+Plugins+in+9.0`
        - `http://plugins.netbeans.org/plugin/62668/quickopener`

    a. In your NetBeans, take screenshot(s) of the window `Tools/Plugins/Installed` to show the 3 plugins you installed.
    b. In 4 sentences or more, discuss the 2 plugins you chose.

2. Netbeans-Shortcuts-80.pdf
    a. In the CSC 220 File Manager and under WEEK-01 directory, open file `"Netbeans-Shortcuts-80.pdf"`
    b. Try as many NetBeans shortcuts as you can and see if they work in the latest NetBeans you installed.
    c. In 3 sentences or more, describe your favorite shortcut(s).

PART D – Class Design Guidelines, 2 **Extra Credit** points

The WEEK-01 lectures introduce Y. Daniel Liang's Class Design Guidelines, in 1 page or more, discuss in-depth 1 of the guidelines. You can use code to demonstrate your points. The code should not be more than one-third of your writing.