

Assignment Report for Assignment-01

Course and Section	CSC.220
Assignment Name	ASMT 01
Due Date and Time	06/09 @ 11:59 PM
First Name and Last Name	MARTY MARTIN
SFSU Email Account	pmartin@sfsu.edu
First Name and Last Name of Teammate	
SFSU Email Account of Teammate	

**PART # A-1****Question Description and Analysis:**

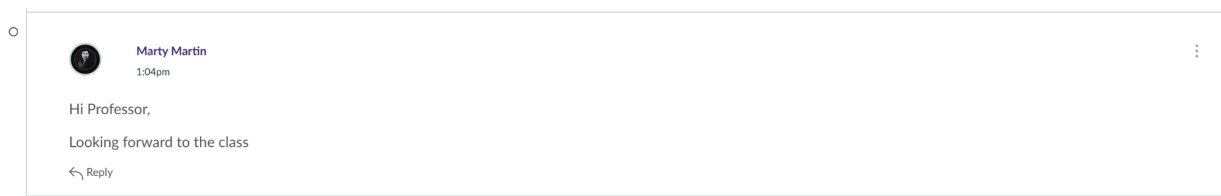
1. Canvas
 - a. Log in to Canvas.
 - b. In “ASMT 01 Discussions”, please look for the Welcome message from the instructor and reply to that message.
 - c. Take a screenshot of your reply.
 - d. Include the screenshot in your assignment report.

Answer:

This is my answer...

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # A-2**Question Description and Analysis:**

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 220.01" 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.

Answer:

- a. YES. I will use my SFSU email, pmartin@sfsu.edu for CSC 220 communications.
- b. YES. I will start my email with the subject line "CSC 220.01" and clearly identify myself and the context.
- c. YES. I will check and resend my email if there is no response within 24 hours.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # A-3**Question Description and Analysis:**

3. Grader

We have 1 grader per section 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 discussions on Canvas?
- 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.
- d. Please take a screenshot of the grader's expectations and include the screenshot in this part. The grader posted the grader's welcome message on Canvas and the grader's expectations on the File Manager.
- e. Please confirm that you have carefully read, understood, and agreed to meet the grader's expectations.

Answer:

- a) https://sfsu.instructure.com/courses/39091/discussion_topics/264614
- b) Guiran Liu
- c) gliu@sfsu.edu
- d) Please reference the screenshot
- e) Yes, I confirm that you have carefully read, understood, and agreed to meet the grader's expectations.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

Be Careful! You will get a zero if...

- The name of your file(s) or folder(s) are incorrect (Did not follow the guideline).
 - You did not use the report template.
 - You submitted the report in an incorrect format (must be PDF).
 - The structure of the folder is incorrect.
 - You do not submit **all** necessary files to run your program.
 - You violate the student conduct and academic honesty policy.
 - You submitted the assignment over the due date.
-

PART # A-4**Question Description and Analysis:**

4. The Guidelines for All Assignments, Assignment Report Template, and all future guidelines

To answer this question, please type (not copy and paste): YES. This is to confirm that I have carefully read, understood, and agreed to the Guidelines for All Assignments which were posted on the Filer Manager. I will strictly follow all these guidelines. I will also carefully read, understand, and agree to any additional guidelines which the lecturer and my grader will provide. I will strictly follow all the instructions

Please write a statement here to confirm that you have carefully read, understood, and agreed to the Guidelines for All Assignments and you will also carefully read, understand, and agree to any future guidelines. If you have any questions, please list all of them here then please email them to your grader. Make sure you will get a response from the grader to each and all your questions before the 2nd week of the semester. Thank you.

Answer:

YES. This is to confirm that I have carefully read, understood, and agreed to the Guidelines for All Assignments which were posted on the Filer Manager. I will strictly follow all these guidelines. I will also carefully read, understand, and agree to any additional guidelines which the lecturer and my grader will provide. I will strictly follow all the instructions

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # A-5
Question Description and Analysis:

5. The Course Policy on Student Conduct and Academic Honesty

*To answer this question, please type (not copy and paste) **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 posted along with the course syllabus 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 posted along with the course syllabus 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-READMEStudentConduct_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 them to your grader. Make sure you will get a response from the grader to each and all of your questions before the 2nd week of the semester. Thank you.

Answer:

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 posted along with the course syllabus 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.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # A-6

Question Description and Analysis:

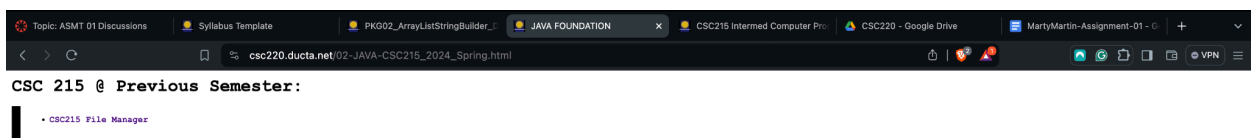
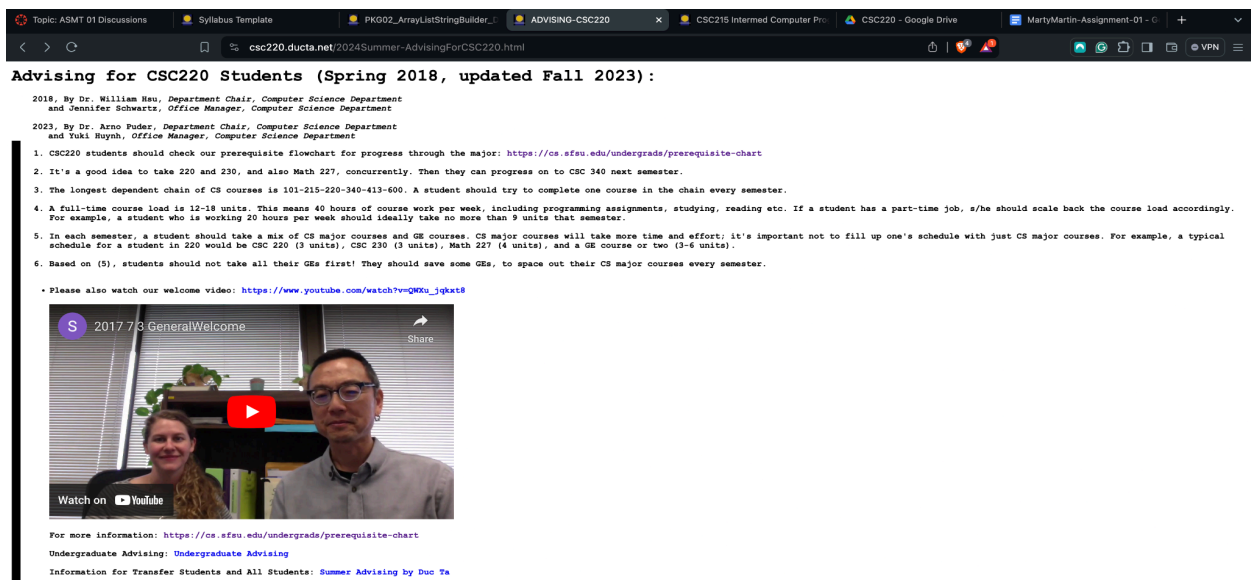
6. The CSC220 File Manager
 - a. Please log in to the CSC 220 File Manager.
 - b. Locate the file “**2024Summer-AdvisingForCSC220.html**” and read through it. Include a screenshot of this page in your assignment report.
 - c. Locate the file “**02-JAVA-CSC215_2024_Spring.html**” and follow the link to the CSC 215 File Manager. Include a screenshot of the CSC 215 File Manager in your assignment report.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # B-1**Question Description and Analysis:**

1. Install **JDK** by following the instructions given in class and the tutorials including:
 - a. On Windows: https://csc220.ducta.net/Tutorials/Java_Installation_Windows.pdf
 - b. On macOS: https://csc220.ducta.net/Tutorials/Java_Installation_macOS.pdf

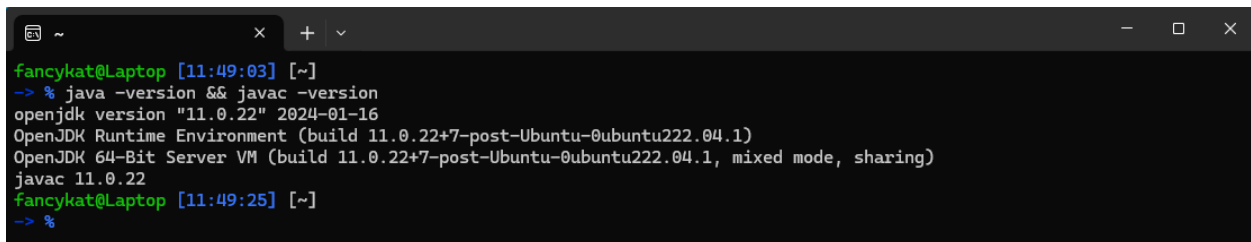
Then include a screenshot that proves that your installation was successful.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

A terminal window with a dark background and light-colored text. The window title bar shows a single tab with a tilde icon and the text '~'. The terminal content shows a user named 'fancykat' at a 'Laptop' prompt. The user enters the command '% java -version && javac -version'. The output shows 'openjdk version "11.0.22" 2024-01-16', 'OpenJDK Runtime Environment (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1)', and 'OpenJDK 64-Bit Server VM (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1, mixed mode, sharing)'. The user then enters 'javac 11.0.22' and the output is 'javac 11.0.22'. The prompt changes to '[11:49:25] [~]' and the user enters '%'.

```
fancykat@Laptop [11:49:03] [~]
-> % java -version && javac -version
openjdk version "11.0.22" 2024-01-16
OpenJDK Runtime Environment (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1)
OpenJDK 64-Bit Server VM (build 11.0.22+7-post-Ubuntu-0ubuntu222.04.1, mixed mode, sharing)
javac 11.0.22
fancykat@Laptop [11:49:25] [~]
-> %
```

PART # B-2**Question Description and Analysis:**

2. Install IntelliJ by following the instructions given in class and the tutorials including:
 - a. - On Windows: https://csc220.ducta.net/Tutorials/IntelliJ_Installation_Windows.pdf
 - b. - On macOS: https://csc220.ducta.net/Tutorials/IntelliJ_Installation_macOS.pdf

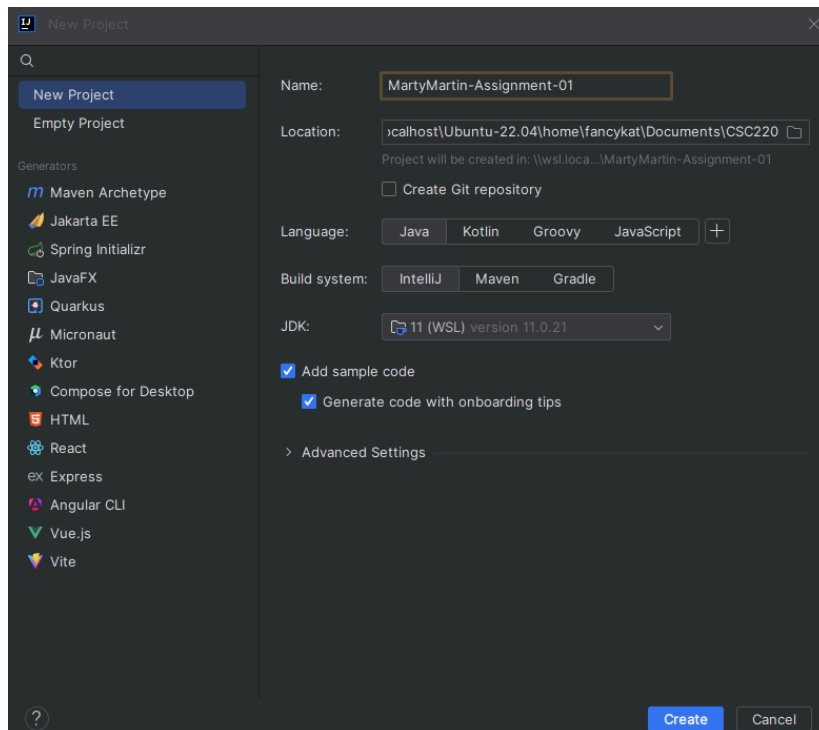
Then include a screenshot that proves that your installation was successful.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # B-3**Question Description and Analysis:**

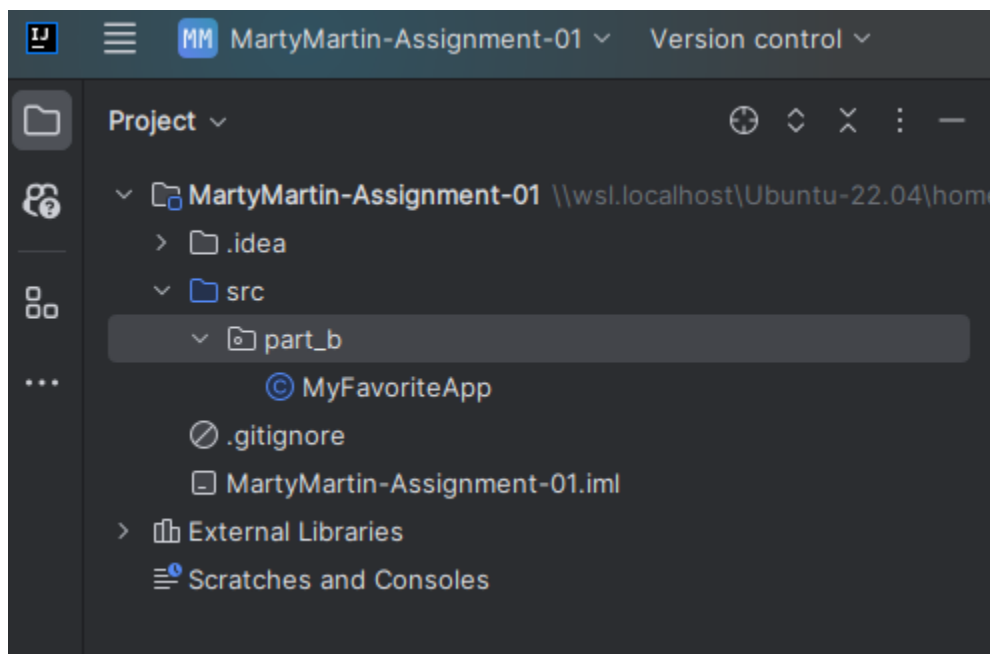
3. Change the name of a favorite Java program you wrote to “MyFavoriteApp.java” and run it in your newly installed IntelliJ.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # B-4

Question Description and Analysis:

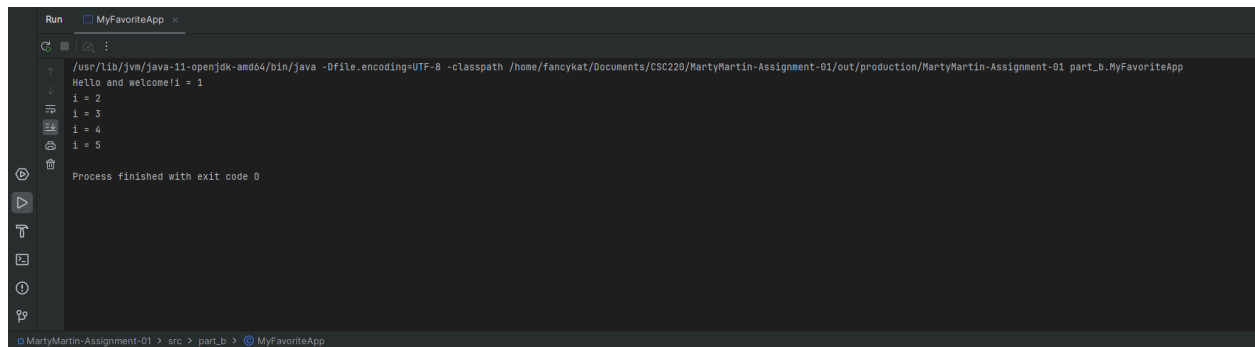
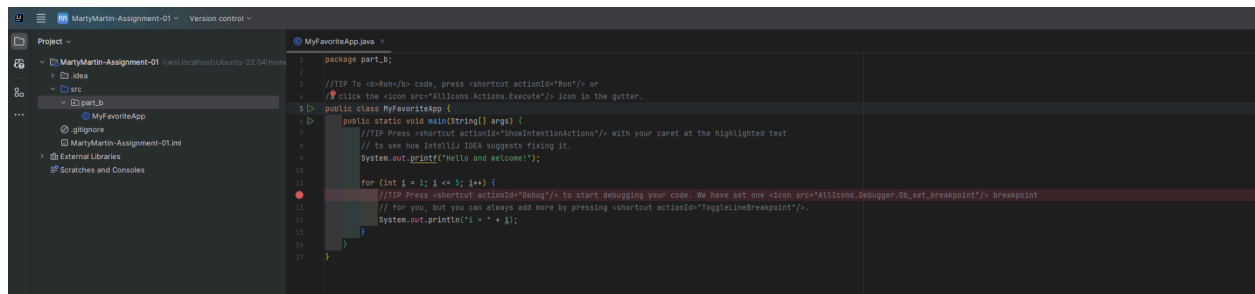
4. Take a screenshot of your IntelliJ. The screenshot should show both the code and output.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # B-5**Question Description and Analysis:**

5. In half a page or more, outline how you would make your program better.

Answer:

I'd add a header and I would include some variable explanations and what they do I would also include more comments to the code.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # B-6**Question Description and Analysis:**

6. Please remember to submit your MyFavoriteApp.java file (and related files, if any).

Answer:

Included in the submission

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # C-1

Question Description and Analysis:

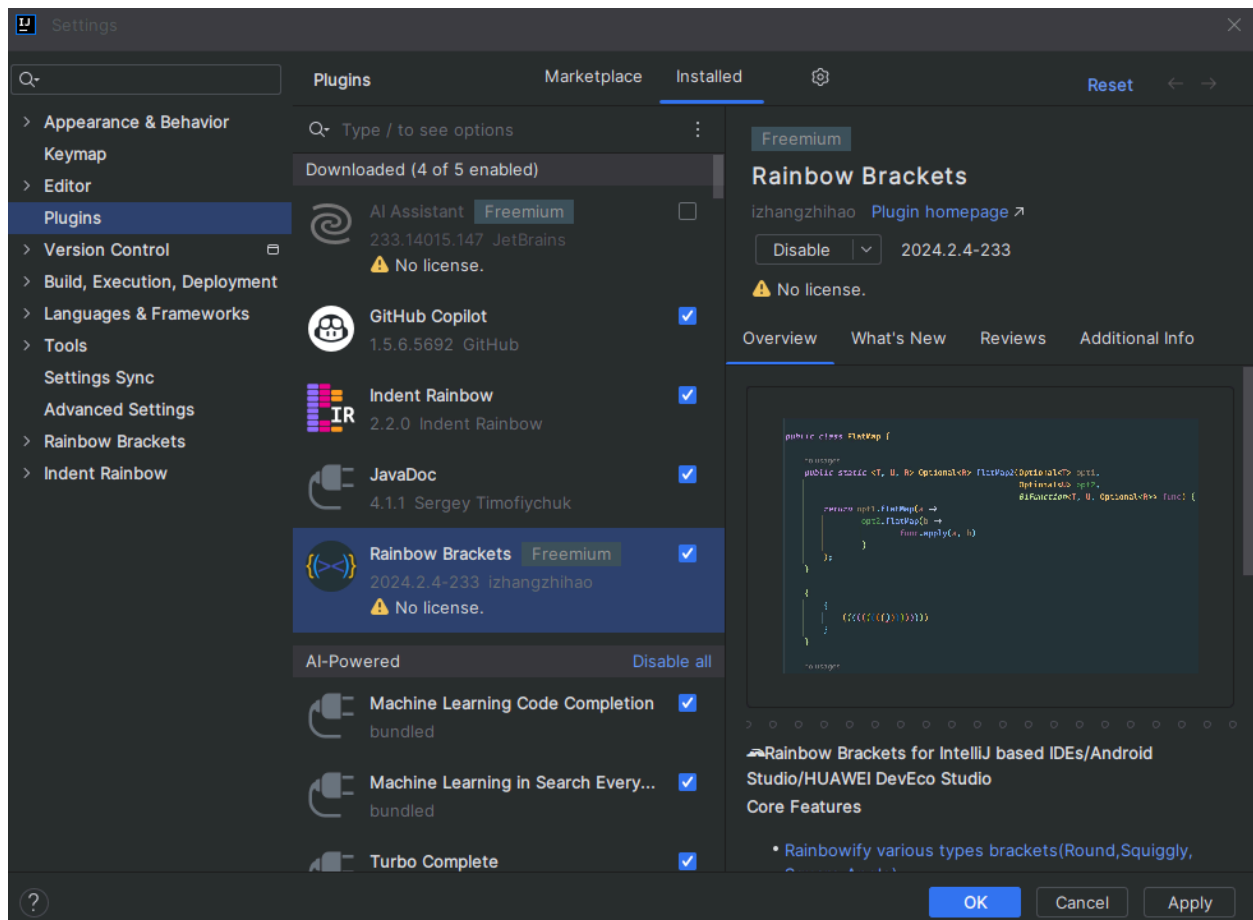
- Explore the IntelliJ Plugin Marketplace: <https://plugins.jetbrains.com/>
- Follow the Install Plugins Tutorial:
<https://www.jetbrains.com/help/idea/managing-plugins.html>
- Choose 3 plugins from the Marketplace and do the following for each plugin:
 1. Install the plugin.

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # C-2**Question Description and Analysis:**

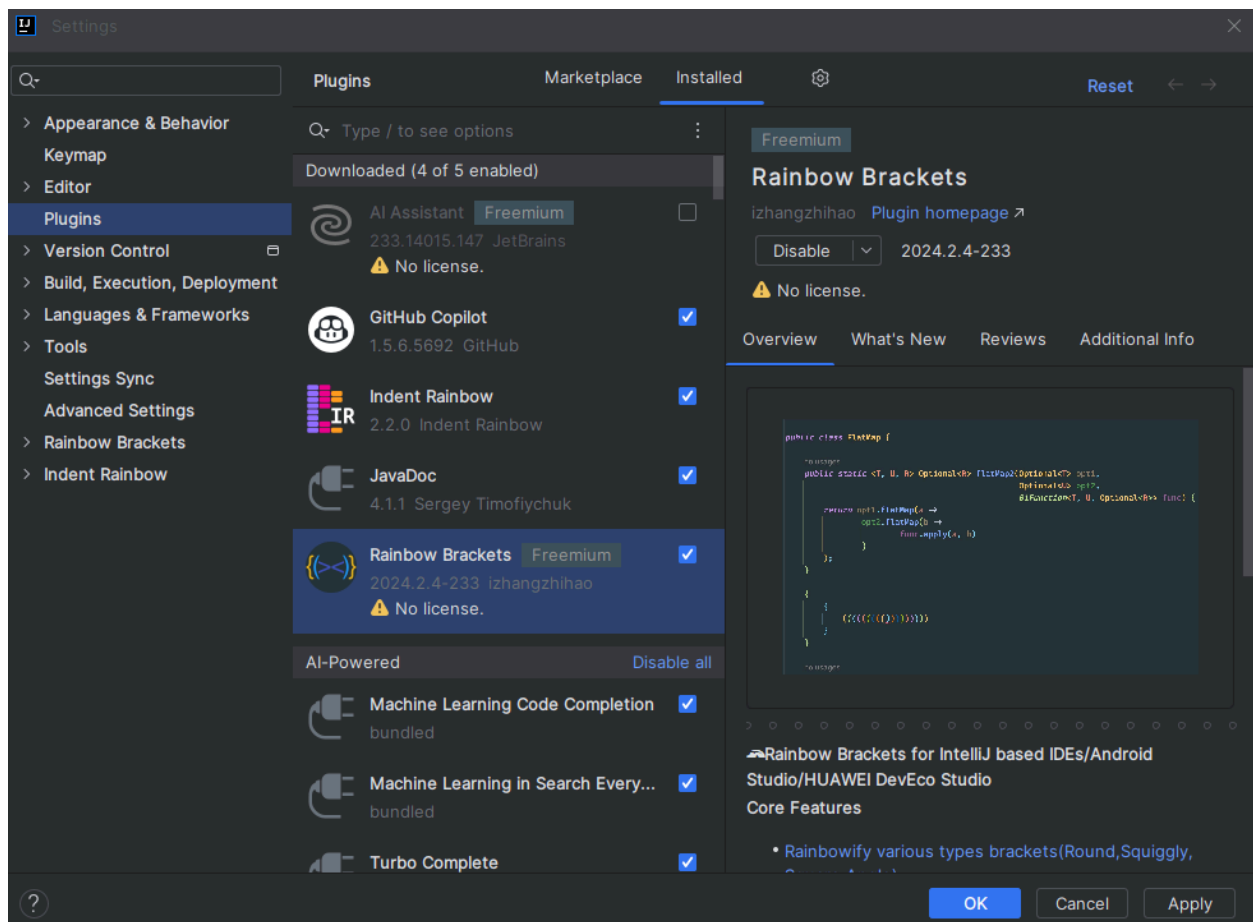
2. Show that the plugin was installed properly by including an IDE screenshot like the one below:

Answer:

Please reference the screenshot

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



PART # C-3**Question Description and Analysis:**

3. In 3 sentences or more, explain why you chose the plugin.

Answer:

I have selected GitHub Copilot as my autocomplete tool to enhance coding efficiency. For easier navigation and readability of code, I'm using Rainbow Brackets to match brackets visually.

Additionally, to assist in writing comprehensive documentation, I've opted for the Javadoc tool.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # C-4**Question Description and Analysis:**

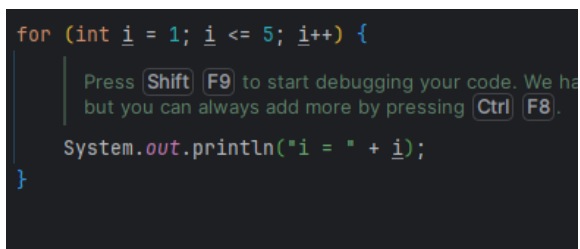
4. Include 1 or more screenshots showing you are efficient at using the plugin.

Answer:

This is using rainbow bracket

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...



```
for (int i = 1; i <= 5; i++) {  
    Press [Shift] [F9] to start debugging your code. We ha  
    but you can always add more by pressing [Ctrl] [F8].  
    System.out.println("i = " + i);  
}
```

PART # D**Question Description and Analysis:**

1. Explore the IntelliJ IDEA keyboard shortcuts:
<https://www.jetbrains.com/help/idea/mastering-keyboard-shortcuts.html>
2. Try as many keyboard shortcuts as you can.
3. In 9 sentences or more, describe your 2 favorite keyboard shortcuts. At least 3 sentences per shortcut.

Answer:

- Refactor Shortcut (Ctrl + Alt + Shift + T): Instantly access IntelliJ's refactoring options. Streamline code improvements quickly.
- Search Everywhere (Double Shift): Quickly search across all of IntelliJ. Find files, actions, and settings fast. Navigate large projects with ease.
- Go to Declaration (Ctrl + B): Jump to any symbol's declaration. Essential for fast code exploration. Trace code logic and dependencies efficiently.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...

PART # E

Question Description and Analysis:

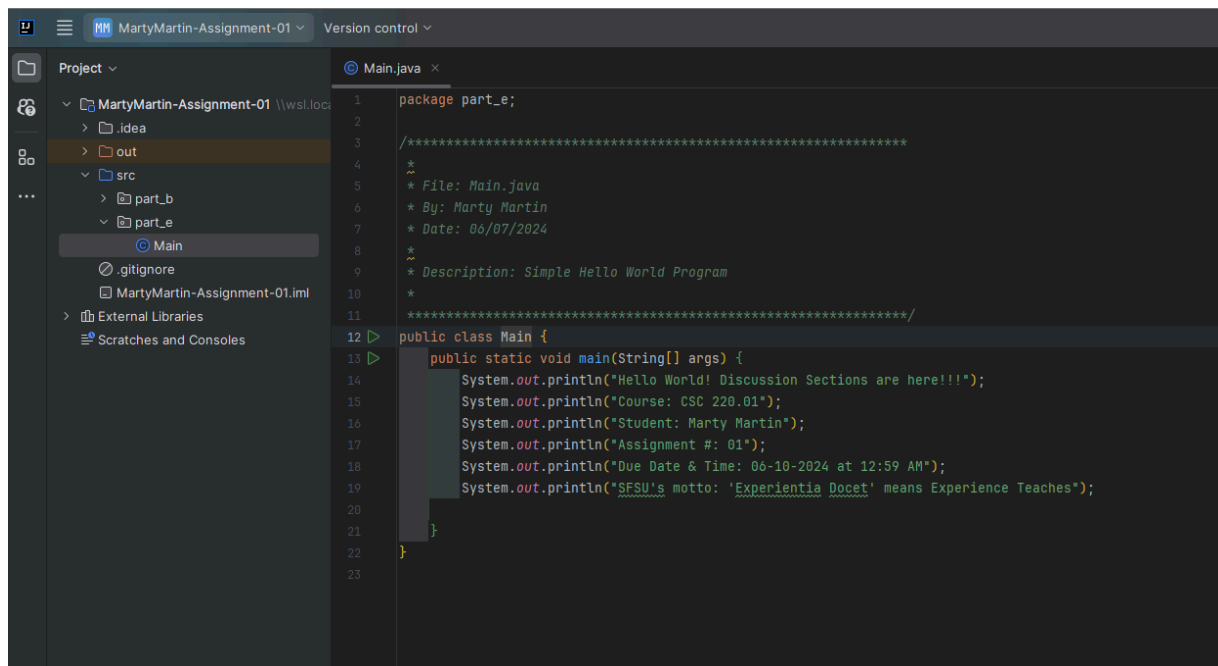
This part of the assignment asks that...

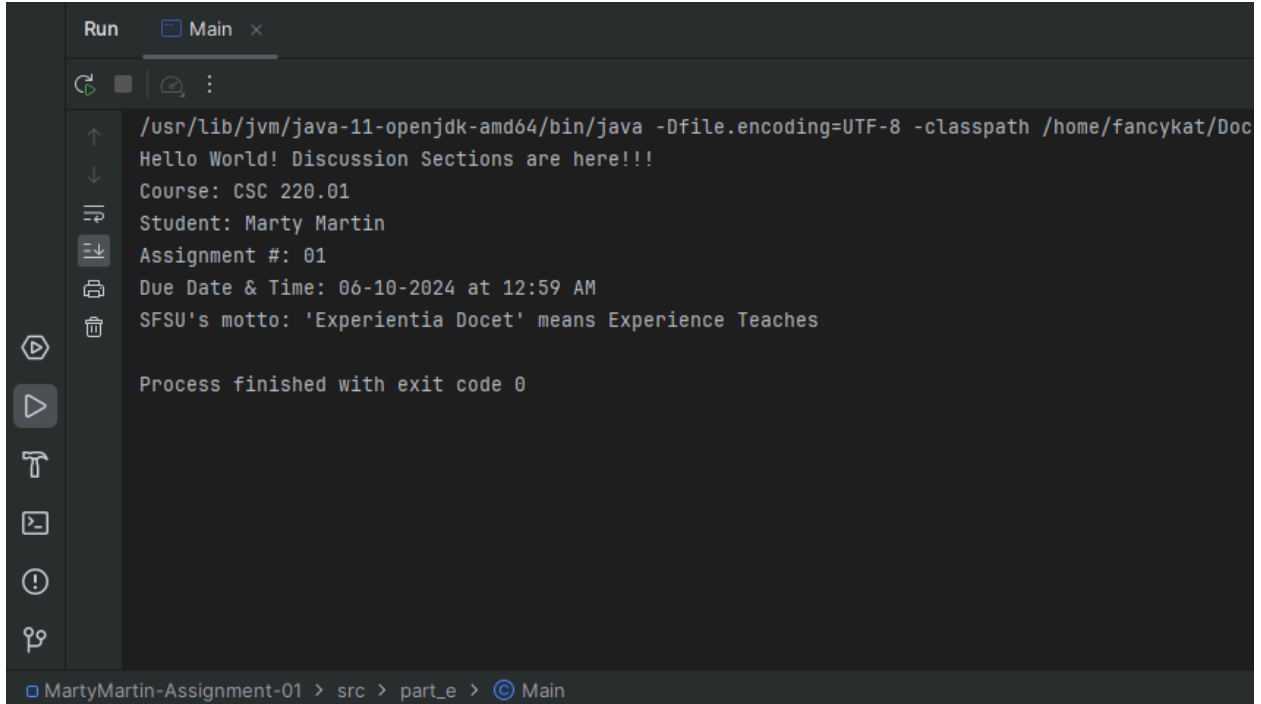
Answer:

1. Download and install the latest version of Apache NetBeans IDE.
2. Write a simple program to show that your installed NetBeans IDE works.
3. The program must display a list of the courses you are taking this semester.
4. Include a screenshot of your NetBeans IDE and include it in your report. This screenshot should show the IDE interface, the Program Header, the code, and the output.
5. Hint: Helpful NetBeans tutorials are available on the File Manager/Tutorials and Google.
6. Reminder: Include this program in your assignment submission, the ZIP archive.

Screenshots of Outputs and Explanation:

These screenshots show what I accomplished...





The screenshot shows an IDE's Run console window. At the top, there's a tab labeled 'Run' and a sub-tab 'Main'. Below the tabs, there's a toolbar with icons for running, debugging, and other actions. The main area of the console displays the output of a Java program. The output text is as follows:

```
/usr/lib/jvm/java-11-openjdk-amd64/bin/java -Dfile.encoding=UTF-8 -classpath /home/fancykat/Doc  
Hello World! Discussion Sections are here!!!  
Course: CSC 220.01  
Student: Marty Martin  
Assignment #: 01  
Due Date & Time: 06-10-2024 at 12:59 AM  
SFSU's motto: 'Experientia Docet' means Experience Teaches  
  
Process finished with exit code 0
```

At the bottom of the console, there's a breadcrumb trail: `MartyMartin-Assignment-01 > src > part_e > Main`.