Rubric

Criteria:
- Correct implementation of the simple calculator program using variables, input, and validation.
- Effective use of comments and documentation to make the code more readable and understandable.
- Accurate translation of the flowchart into the program.
- Thoughtful and thorough reflection on the project, including answering the reflection questions, getting feedback, and improving the program, and providing feedback to others.
- Clear identification and explanation of the program's purpose.

	3 points	2 points	1 point
Purpose	They clearly identified and explained the program's purpose.	They identified and explained the program's purpose, but it may not be as clear or thorough as it could be.	They identified and explained the program's purpose, but it may not be clear or thorough.
Program	The student correctly implemented the simple program using variables, input, and validation.	The student partially implemented the simple program using variables, input, and validation.	The student did not correctly implement the simple program using variables, input, and validation.
Documentation	They effectively used comments and documentation to make the code more readable and understandable.	They used comments and documentation to make the code somewhat more readable and understandable.	They did not use comments and documentation to make the code more readable and understandable.
Testing	They accurately tested and debugged the program to ensure that it works correctly.	They partially tested and debugged the program to ensure that it works correctly.	They did not test and debug the program to ensure that it works correctly.
Flowchart	They accurately translated the flowchart into the program.	They partially translated the flowchart into the program.	They did not accurately translate the flowchart into the program.
Reflection	They provided thoughtful and thorough reflection on the project,	They provided some reflection on the project, but it may not be as	They provided little reflection on the project, but it may not be as

	including answering the reflection questions.	thoughtful or thorough as it could be.	thoughtful or thorough as it could be.
Feedback	They provided thoughtful and thorough feedback, and improved the program, and provided feedback to others.	They provided some feedback and made some improvements to the program, they provided some feedback to others, but it may not be as thoughtful or thorough as it could be.	They provided little feedback and made some improvements to the program, but did not provide feedback to others.