OBJECT ORIENTED PROGRAMMING 1
Lab 1 Feedback Report
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Lab 1 Part 1 tests:

✅ Class HelloWorld exists in the project.
✅ Method main(String[] args) exists and is correctly defined as public and static.
✅ Output matches expected interaction.

Lab 2 Part 2 tests:

✅ The class 'Lab1PartTwo' exists and is properly accessible. This ensures the base structure is correct.
✅ exercise1 executed successfully.
   - The program produced the expected behavior.
   - Logical flow: The method properly formatted the output, handled input (if any), and adhered to the specifications.
   - Validation: The expected result matches the method's output after normalization of spaces and case.
✅ exercise2 executed successfully.
   - The program produced the expected behavior.
   - Logical flow: The method properly formatted the output, handled input (if any), and adhered to the specifications.
   - Validation: The expected result matches the method's output after normalization of spaces and case.
❌ exercise3 output mismatch.
   - Expected:
my name is englebert
   - Actual:
my name is student joe
   - Suggestions:
    - Check string formatting (extra spaces or newlines).
    - Verify output matches exactly, including punctuation.
✅ exercise4 executed successfully.
   - The program produced the expected behavior.
   - Logical flow: The method properly formatted the output, handled input (if any), and adhered to

the specifications.

  - Validation: The expected result matches the method's output after normalization of spaces and case.

✅ exercise5 executed successfully.

  - The program produced the expected behavior.

  - Logical flow: The method properly formatted the output, handled input (if any), and adhered to the specifications.

  - Validation: The expected result matches the method's output after normalization of spaces and case.

✅ exercise6 executed successfully.

  - The program produced the expected behavior.

  - Logical flow: The method properly formatted the output, handled input (if any), and adhered to the specifications.

  - Validation: The expected result matches the method's output after normalization of spaces and case.

Lab 3 Part 3 tests:

✅ The class 'Lab1PartThree' exists, which indicates the foundational structure is correct.

✅ Methods 'exercise1()', 'exercise2()', 'exercise3()', and 'exercise4()' are present in the 'Lab1PartThree' class.

  - These methods are necessary for fulfilling the exercise requirements.

✅ Exercise 1 successfully calculates the area of a circle given a radius.

  - Input Validation: The program correctly handled the user input for radius.

  - Calculation: The area was calculated using the correct formula: r^2.

  - Formatting: The output is well-structured and readable.

✅ Exercise 2 correctly lists all even numbers from 1 to n.

  - Input Validation: The program successfully accepted the upper limit as input.

  - Logic: The program correctly iterated through the range and identified even numbers.

  - Output Formatting: The output is concise and matches the expected structure.

✅ Exercise 3 generates a valid random multiplication question and computes the product correctly.

  - Question format: 'What is the product of <num1> and <num2>?'

  - Numbers: 629, 442

  - Correct Answer: 278018

✅ Exercise 4 simulates a chat correctly, responds appropriately, and terminates on 'exit'.