AI ASSISTED CODING 10.4

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**Task 1: AI-Assisted Syntax and Code Quality Review**

**Scenario**

You join a development team and are asked to review a junior

developer’s Python script that fails to run correctly due to basic coding

mistakes. Before deployment, the code must be corrected and

standardized.

**Task Description**

You are given a Python script containing:

• Syntax errors

• Indentation issues

• Incorrect variable names

• Faulty function calls

Use an AI tool (GitHub Copilot / Cursor AI) to:

• Identify all syntactic and structural errors

• Correct them systematically

• Generate an explanation of each fix made

**Expected Outcome**

• Fully corrected and executable Python code

• AI-generated explanation describing:

o Syntax fixes

o Naming corrections

o Structural improvements

• Clean, readable version of the script

























