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| --- | --- | --- |
| **Input** | **Process** | **Output** |
| Text Document   * User selected file path * User Test answers * 20 lines, A-D   Hardcoded array containing test answers  “Calculate Grade” Button  “Close” Button | Create answer key array  Read File path  Create Correct Answers counter variable  Create Wrong Answers counter variable  Create wrong answers array  Loop through each line of text file (20 lines), and compare to answer key array ( 20 hardcoded answers)   * For each correct answer, ad 1 to counter variable * For each incorrect answer, ad 1 to   Wrong Answers variable and ad incorrectly answered question number to wrong answers array  Convert counter variable to percentage scored on text. | “Calculate Grade” Button   * Display total number correct * Display total number of incorrect * List showing the questions of the incorrectly answered questions   Close Button   * Close application |