Programming Exercise 4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Criteria | % Value | 1: Unsatisfactory | 2: Less Than Satisfactory | 3: Satisfactory | 4: Good | 5: Excellent |
| **% Scaling** |  | 0% | 65% | 75% | 85% | 100% |
| **Content – 100%** | | | | | | |
| Create, utilize, and nest selection and repetition structures appropriately as part of a programming solution. | 35% | Repetition structures and selections structures not used in program. | File processing is attempted using a loop. | Looping is successfully used to extract at least one string from the file. Nested structures are present and evaluate the extracted string. | All strings in input file are extracted and processed using nested structures with only minor logic errors. | All strings in input file are extracted and processed using nested structures with no logic errors. |
| Process strings as part of a programming solution | 35% | Not attempted | Pig-Latin equivalent is not correctly formed, but string processing is attempted. | Pig-Latin equivalent is correctly formed in some cases and the result is converted to all caps. | Pig-Latin equivalent is correctly formed in most cases and the result is converted to all caps. | Pig-Latin equivalent is correctly formed in ALL cases and the result is converted to all caps. There are no bounds errors. |
| Output displays to meet specification | 15% | Missing/incorrect | Attempted, but not correct | Do not use | Display is correct with minor issues in formatting | Output displays in a tabular format and includes both original word and Pig-Latin conversion |
| Explanation of work (video) | 15% | Missing | Explanation is difficult to follow and it is unclear that the student understands their work. | Explanation is adequate. Some important details may be overlooked. Student exhibits a moderate understanding of their work. | Good pace and volume. Student clearly explains work, but may gloss over some details, while spending excess time on irrelevant parts of the program. | Explanation is concise and precise, covers all requested material, and it is obvious that the student understands all aspects of the submitted program. |