Instructions

For this assignment, you will create pseudocode to match your flowchart diagram from Unit 3. Please be sure to take the feedback from your instructor for the flowchart diagram make the necessary changes before designing your pseudocode. Also, review your idea paragraph, flowchart, and pseudocode to ensure that they meet all of the required elements as seen below:

The **minimum** required elements for your project are:

* One input
* One output
* 4 processes (an action that isn’t a decision or an input/output)
* 3 decisions, one of which must be a loop
* 3 well defined variables with correct data types

Please review the flowchart shapes and possible phrases below prior to creating your pseudocode:

|  |  |  |
| --- | --- | --- |
|  | beginning, end | → start, stop |
|  | input and output procedures | → input(get, input), output (put, display, print) |
|  | actions such as declarations and assignment statements | → add computation or declaration using datatypes |
|  | decisions and loops such as if, for, and while statements | → if, for, while |
|  | processing shape ~ function calls | → function name |
|  | flowlines |  |

**Note**: *If you are using a function, please be sure that you include the function definition tasks as their own process outside of the main program.*

You may use MS Word to create your pseudocode. Be sure to use the following file naming convention when saving your document

<stronglastname\_unit\_assignment.docx< strong=""></stronglastname\_unit\_assignment.docx<>

Grading Rubric

| **Criteria** | **Points Value** |
| --- | --- |
| Pseudocode accurately depicts your idea paragraph | 30 |
| Pseudocode incorporates feedback given on idea paragraph and flowchart diagram | 20 |
| Pseudocode meets the minimum criteria as stated in the Project Instructions | 20 |
| Pseudocode correctly match tasks as stated in your flowchart diagram | 30 |
| Total | 100 |