# Rubric - Unit Two Project

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Student correctly uses conditionals to maintain flow of control (2.02, 2.03)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 2 | 1 | 0 | Points |
| All of the conditionals run as expected | Most of the conditionals run as expected | Few conditionals run as expected | There is no evidence the student can correctly use conditionals |  |
|  |  |  | **Sub Total** |  |

## Student correctly uses lists (2.04 & 2.05)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 2 | 1 | 0 | Points |
| Student correctly uses the length function, len() | \_\_\_\_ | Student attempts to use the length function incorrectly | No evidence the student can use the length function |  |
| Student can access items from a list using the index | Student often can access item from a list using the index | Student attempts to access items from a list using the index | No evidence the students can access items from a list using the index |  |
| Students can add and remove items to/from a list | Students can correctly add OR remove items from a list | Student attempts to add and remove items from a list | No evidence that the students can add or remove items from a list |  |
|  |  |  | **Sub Total** |  |

## Student can correctly use the while loop (2.06)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 2 | 1 | 0 | Points |
| Student correctly uses the while loop | Students attempts to use the while loop, but the condition is not correct | \_\_\_\_\_ | There is no evidence the student can use the while loop |  |
|  |  |  | **Sub Total** |  |

## Student can decompose a problem to create a program from a brief

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 2 | 1 | 0 | Points |
| Student program runs without error | The students program has a few errors, but it does not impact the program’s functionality | Student program has errors that impact the program’s functionality | Student program is not functional |  |
| \_\_ | Students submitted documentation showing planning for most variables and functions. | Students submitted documentation showing planning for a few variables and functions. | No evidence of planning |  |
|  |  |  | **Sub Total** |  |

## Student uses naming/ syntax conventions and comments to increase readability

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 2 | 1 | 0 | Points |
|  | Syntax conventions are generally used | Sometimes syntax conventions are used | No evidence of syntax conventions to aid in code readability |  |
|  | All variables have clear names | Some variables have clear names | No evidence of using variable names to aid in code read ability |  |
|  | \_\_\_\_ | Student comments aid code readability | No evidence of using comments to aid in code readability. |  |
|  |  |  | **Sub Total** |  |

## Final Grade

|  |  |  |
| --- | --- | --- |
| Points Possible | Points Earned x Weight | Total Points |
| 25 | \_\_\_\_ X \_\_\_\_ |  |