**Tutorial 2 Question 3**

Planning document

**Question**

The numbers of calories burned per hour by bicycling, jogging, and swimming are 200, 475, and 275 respectively. A person loses one pound of weight for each 3500 calories burned.

Write a program with suitable sprites that allows the user to input the number of hours spent at each activity and then calculates and displays the number of pounds worked off. (Test the program for a triathlon participant who bicycles 2 hours, jogs 3 hours, and swims 1 hour)

**Input**

|  |  |  |
| --- | --- | --- |
| *variableName* | *type* | *availability* |
|  |  |  |
|  |  |  |

*Add more rows if required*

**Output**

|  |  |  |
| --- | --- | --- |
| *variableName* | *format* | *where* |
|  |  |  |
|  |  |  |

*Add more rows if required*

**Processing**

*Calculations and assignment to variables go here*

…. 🡨 ……

**TestData**

*Add columns for the number of variables from above analysis*

*Create expected data and calculate expected results*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Pseudocode**

Enter the data

Process the data - calculations

Display the results

**Testing plan**

Version1 - enter the data and test code with test data. Document the process

Version 2 - add code for processing and test code with test data. Document the process

Version 3 - add code to display the results and test code with test data. Document theprocess

Version 4 - improve display of results of necessary