Introduction:

Level 1 Diagram:

Outputs what is most commonly said in relation to the given temperature

Output

Input

txtOutput

txtInput (Dec)

Data Flow Chart:

|  |  |
| --- | --- |
| Symbols | Data Flow |
| Flow Line:  Terminal:  Input:  Process:  Decision:  Connector:  Result: | If Statement  Temperature  Close  Close  Results  Refresh  Start |

Pseudocode:

|  |  |
| --- | --- |
| Pseudocode | Code |
| Input Temperature (Number)  If Temperature Less than 20 Then  Known is Equal to “Pretty Chilly”  If Temperature more than 19 but less than 35 Then  Known is Equal to “Pretty Chilly”  If Temperature more than 34 but less than 45 Then  Known is Equal to “Pretty Chilly”  If Temperature more than 44 but less than 50 Then  Known is Equal to “Pretty Chilly”  Outputs Know and Temperature |  |
| Clears Input and Output |  |
| Close Program/ Software |  |

Designs:

Data Dick:

|  |  |  |
| --- | --- | --- |
| Script Name | Type | Return Type / After Process |
| Temperature | Decimal | Decimal |
| Known | Decimal | Decimal |

Techniques Used:

|  |  |  |
| --- | --- | --- |
| Control | Suffix | Example |
| Label | lbl | lbl\_Input |
| TextBox | txt | txt\_Input |
| Button | btn | btn\_Process |

Development Journal:

|  |  |
| --- | --- |
| Evidence | Description |
|  |  |
|  |  |
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|  |  |
|  |  |
|  |  |

Testing:

Evaluation: