Assignment 1

Enrique Saracho Felix

100406980

CPSC 1150

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# Part 1

A picture containing text, diagram, sketch, technical drawing

Description automatically generated

# Part 2

|  |  |  |  |
| --- | --- | --- | --- |
| **Ta** | **V** | **Twc** | **Output** |
| 0 | 20 | - 5 | - 5 |
| 10 | 20 | 0 | Error |

# Part 3

**File name**: asgn1\WindChillIndex.java

**Purpose**: Calculate wind-chill index.

**Input**: Ta = Temperature.

V = Wind Speed.

**Output**: Twc = Wind-chill index.

## Program Logic:

Algorithm WindChillIndex

START

* Declare Ta, V, and Twc variables.
* Enter input from user and assign values to variables.
* Verify if the values entered are valid.
  + If true:
    - Calculate Twc.
    - Print Twc.
  + If false:
    - Print error message

END WindChillIndex.