If, else if, else Pseudocode

* Variables
  + Temperature – Float. Stored from user
* Process
  + Used a while loop so the user can get entering in values until they press 0.
  + If temperature < 97.5
    - Output temperature is low
  + Else If temperature <= 99.5
    - Output temperature is normal
  + Else
    - Output temperature is high

Var and Val Pseudocode

* Variables
  + myByte: Byte – any integer between -128 and 127
  + myShort: Short – any integer between -32768 and 32767
  + myInt: Int – any integer between -2,147,483,648 and 2,147,483,647
  + myLong: Long – any integer between -9,223,372,036,854,775,808 and 9,223,372,036,854,775,807
  + myFloat: Float: any number up to 6-7 digits
  + myDouble: Double: any number up to 15-16 digits
  + myBoolean: Boolean – choose true or false
  + myChar: Char – single letter between single quotes
* Process
  + Assign appropriate values to each of the integers
  + Println() the variable type with the associated assigned value
    - “Variable Type”: value
* val myByte: Byte = 3  
  val myShort: Short = -10  
  val myInt: Int = 34234301  
  val myLong: Long = -34309823409832  
  val myFloat: Float = 3.14159F  
  val myDouble: Double = -2.343214333  
  val myBoolean: Boolean = false  
  val myChar: Char = 'v'

When Statement Pseudocode

Variables

* number: Int, number for user choice
* numberString: String, the number in German

Process

* Use while loop to let user keep entering numbers
* Ask for a number between 1 and 10. 0 to quit
* Use when statement to assign numberString the number in German.

numberString = when (number)

1 -> eins

2 -> zwei

3 -> drei

4 -> vier

5 -> funf

6 -> sechs

7 -> Sieben

8 -> acht

9 -> neun

10 -> zehn

* Print ‘number is numberstring in German’
* End while

Looping Assignment Pseudocode

Variables

* userChoice: Int, the user’s selection
* genreChoice: String, user’s selected genre. Corresponds to userChoice

Process

* Do while
  + Ask to help the user
  + List the genres
  + Ask the user to choose
  + Use when statement to assign genreChoice based on userChoice
  + Print the user’s selection with associated genre: userChoice) genreChoice
* End do while (exit if user selects exit menu)
* Tell user to have a great day.