Lab 5 – Loops – Pseduo Code

#1

Declare variables

For Celsius values between 0 and 20

Take each value and print it as is

For Farenheit values between 0 and 20

Take each value, convert it to its’ farenheit value

Print each farenheit value

#2

Declare variables

Get number of years from user (input)

For outer loop

Number of months = years \* months (process)

Iterate 12 times (process)

For inner loop

Ask user for inches of rainfall

Perform calculations

Total rainfall = total rain + each months’ rainfall

Average rainfall for the month = total rainfall / number of months

Average rainfall for the year = total rainfall / number of years

#3

Declare and initialize variables

Get starting # of organisms from user (input)

Check for invalid input values

If the input value is less than 0

ask the user to input a valid value

get number of days from user (input)

get percent increase from user (input)

convert percent increase to a decimal by dividing by 100 (process)

calculate the results

ending population = starting population \* increase + starting population

iterate the number of days within the loop

print the result