**Critical Thinking 3**

Alastair A. Ohde

Colorado State University Global

CSC 320-1

Vanessa Cooper

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Pseudocode

Import scanner

Ask for input data

Read values from user input

Compute:

Total = sum of inputs

Max = greatest input if value > last value

Min = least input if value < last value

Average = sum of inputs / number of inputs

20% interest = sum of inputs \* .20

Print:

total

max

min

average

20% interest

Code

import java.util.Scanner;

public class CSC320\_2 {

    public static void main(String[] args) {

    Scanner input = new Scanner(System.in);

    double total = 0, max = Double.MIN\_VALUE, min = Double.MAX\_VALUE, value;

    int count = 0;

    while (count < 5) {

        System.out.println("Enter a floating point number:");

        value = input.nextDouble();

        total += value;

        if (value > max) max = value;

        if (value < min) min = value;

        count++;

    }

    double average = total / 5;

    double interest = total \* 0.2;

    System.out.println("Total: " + total);

    System.out.println("Average: " + average);

    System.out.println("Maximum: " + max);

    System.out.println("Minimum: " + min);

    System.out.println("Interest on total at 20%: " + interest);

}

}

