

Lab Week 8

Q1) Draw a flowchart that expresses the algorithm from lab 3 question 3:

'Can you design an algorithm that reads in 2 integers and simulates multiplication using a loop and addition/subtraction? Test your algorithm with different values. Can you make it work for positive and negative numbers using only if else, loops, and addition and subtraction?'

Q2) Draw a flowchart that expresses an algorithm that:

Reads in an array of integers and counts the number of even numbers in the array.

Q3) Draw a flowchart that expresses an algorithm that:

Reads in an array of integers, A, and calculates the average (mean) value of the array.