

**Homework 4**  
**(501110-2) Introduction to Problem Solving**  
**Fall 2023**  
**Due: Monday December 4, 2023, 11:59 p.m. via Blackboard.**

**Question 1**

Write the pseudocode and draw the flowchart for a program that asks a user for 2 numbers, num1 and num2. Then num1 is divided by num2 and the result is displayed. Before the division operation, num2 is tested for the value 0. if it contains 0, the division does not take place.

**Question 2**

Write the pseudocode and draw the flowchart to determine if the number entered by the user is odd or even.

**Question 3**

Write an algorithm to find the largest among three different numbers entered by the user.