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CPSC260: Assignment 6

**Problem 1:**

Part A: Gallons in a Rectangular Tank

length = %r8

height = %r9

width = %r10

gallons = %r11

A screenshot of a computer

Description automatically generated

Part B: Horsepower Generated

rpm = %r8

horsepower = %r9

A screenshot of a computer program

Description automatically generated

Part C: MPH from MPS

meters = %r8

seconds = %r9

mph = %r10

A screenshot of a computer

Description automatically generated

Part D: Mod 3

x = %rdx

**A screenshot of a computer

Description automatically generated**

**Problem 2:**

Expected Output: hEllo, World!

**A screenshot of a computer screen

Description automatically generated**

**Problem 3:**

Expected Output: GO ZAGS

A screenshot of a computer program

Description automatically generated