



## **COAL -Lab #3 Tasks**

**(Time Allowed 1 hour 45 minutes)**

### **RULES FOR MARKING (10 marks)**

**It should be clear that your assignment would not get any credit if:**

- The assignment is submitted after the due time.
- The submitted assignment does not open or file is corrupt.
- Zero marks will be given if the submitted solution is copied from any other student or from the internet.

**Q1. Write a function in Assembly Language that will take seven numbers as the input and it will perform Sum operation and then return the sum of it.**

- Note: Input number are stored in memory:
- Data: dw 1,2,1,1,1,1,1
- **Attached code and Output Screenshot**

**Q2. Write the subroutine that will perform Multiplication and Division of two numbers.**

- Subroutine will take input parameter and will return the result.

### **Submission details:**

Following are required in a single MS-Word document.

- Assembly language program.
- Screenshot of AFD debugger at the start of program.
- Screenshot of AFD debugger showing the final values.