

**Department of Computer Science & Engineering**

**Microprocessor & Computer Architecture**

**MPCA-Laboratory/Assignment/Hands-on/Project**

**UE20CS252**

**NAME: GAURAV MAHAJAN SECTION:C SRN:PES1UG20CS150**

**DATE:04-02-2022**

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| **Sl. No** | **Programs** |
| **Week cNo.3** | 3. Write a program in ARM7TDMI-ISA to find the sum of N data items at alternate [ odd or **even** positions] locations in the memory. Store the result in the memory location.  a. Use Pre-indexing addressing mode      b. Use Post- Indexing addressing mode      c. Use Auto-indexing addressing mode |