

**Department of Computer Science & Engineering**

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| **Sl. No** | **Programs** |
| **Week**  **No.6** | 1. Write a program in ARM7TDMI-ISA to generate a diagonal matrix. Note: do not read the matrix elements. 2. Write a program in ARM7TDMI-ISA to find the sum of all the positive numbers in the array. 3. Write a program in ARM7TDMI-ISA to check the parity of given 32 bit number. Display appropriate messages as ODD PARITY or EVEN PARITY number. |

**Microprocessor & Computer Architecture - UE20CS252**

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