

**Department of Computer Science & Engineering**

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| **Sl. No** | **Programs** |
| **Week**  **No.6** | 1. Write a program in ARM7TDMI-ISA to find the sum of all the digits in an 32bit number. 2. Write a program in ARM7TDMI-ISA to find the number of occurrences of a given character in a string.   Example: Given string : My name is Bond.  Character : ‘n’.  Expected Output : Display 2 in a register. |

**Microprocessor & Computer Architecture - UE20CS252**

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