**MPCA LAB WEEK-6**

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**SRN : PES1UG20CS658**

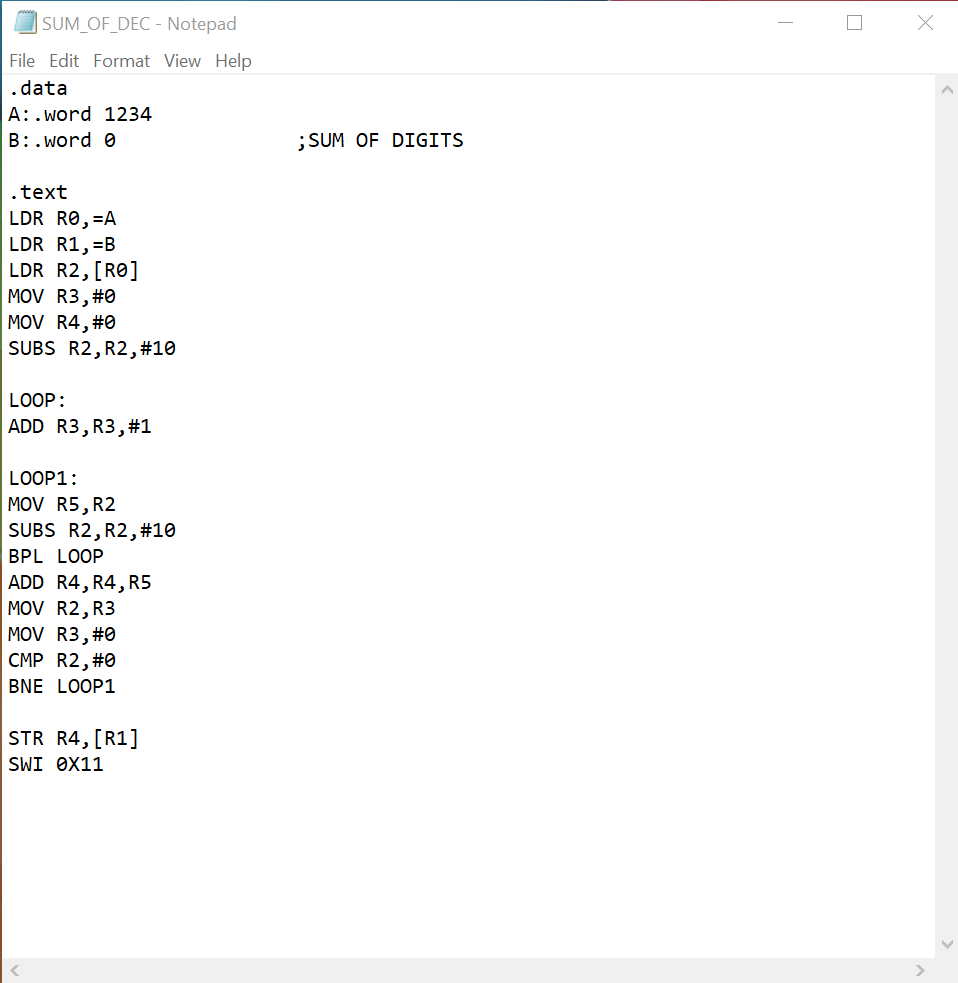
**ROLL NO.: 55**

**SECTION : K**

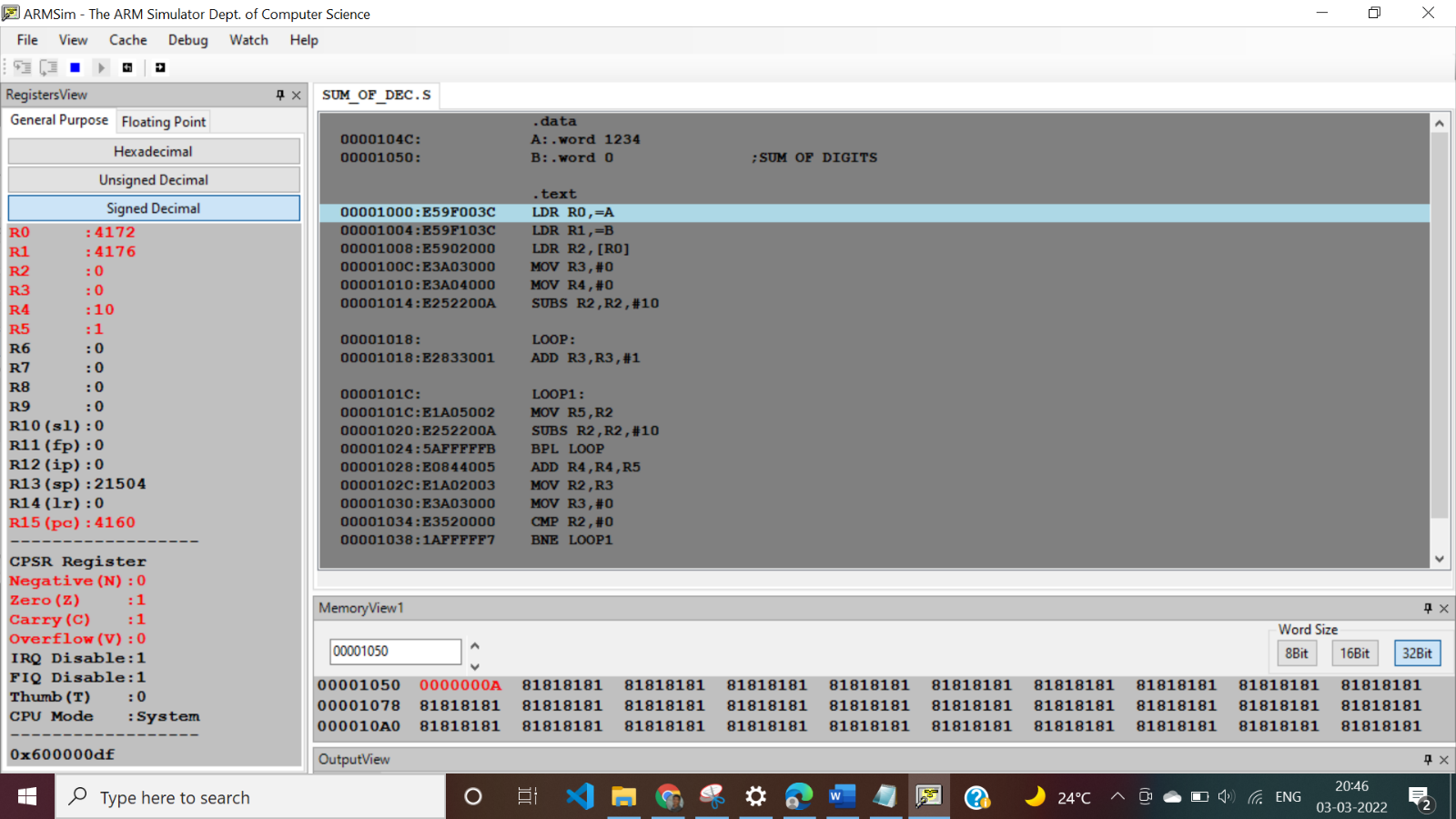
**DATE : 03-03-2022**

**PROGRAM 1 :** Write a program in ARM7TDMI-ISA to find the sum of all the digits in an 32 bit number.

**CODE:**

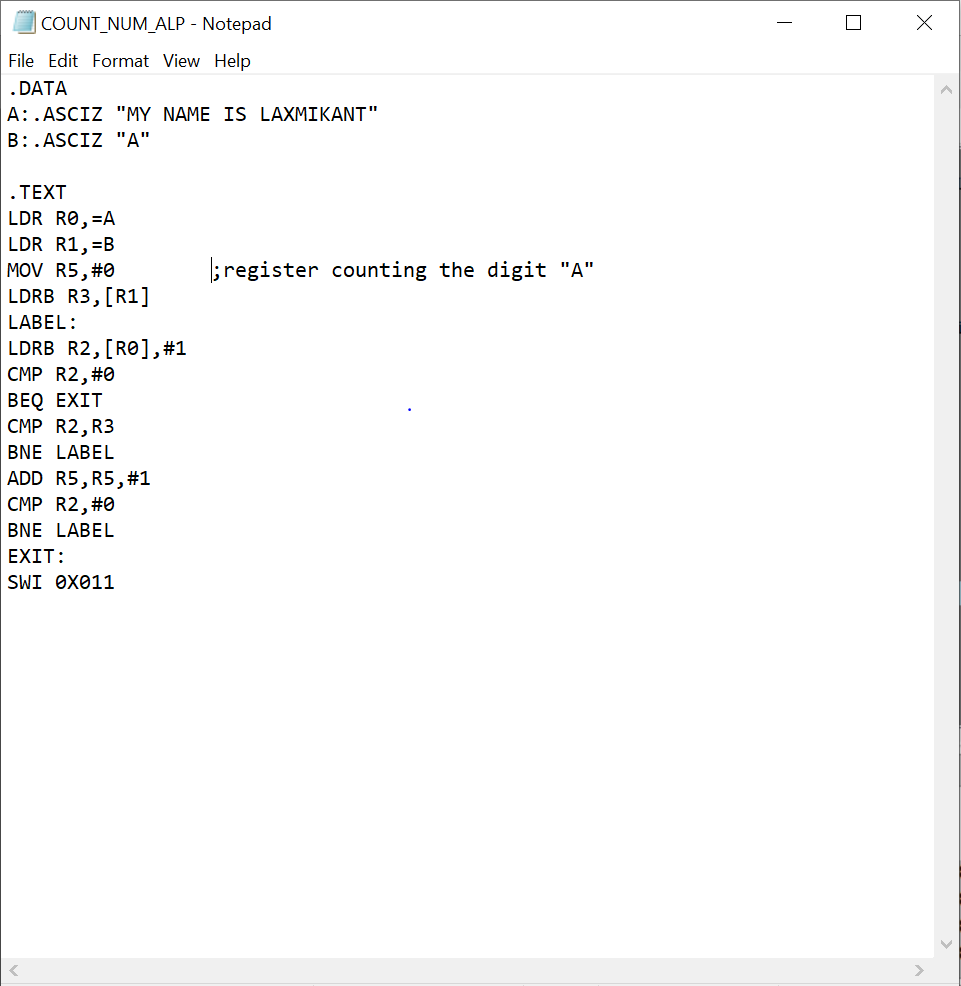


**OUTPUT:**



**PROGRAM 2 :** Write a program in ARM7TDMI-ISA to find the number of occurrences of a given character in a string.

**CODE:**



**OUTPUT:**

