

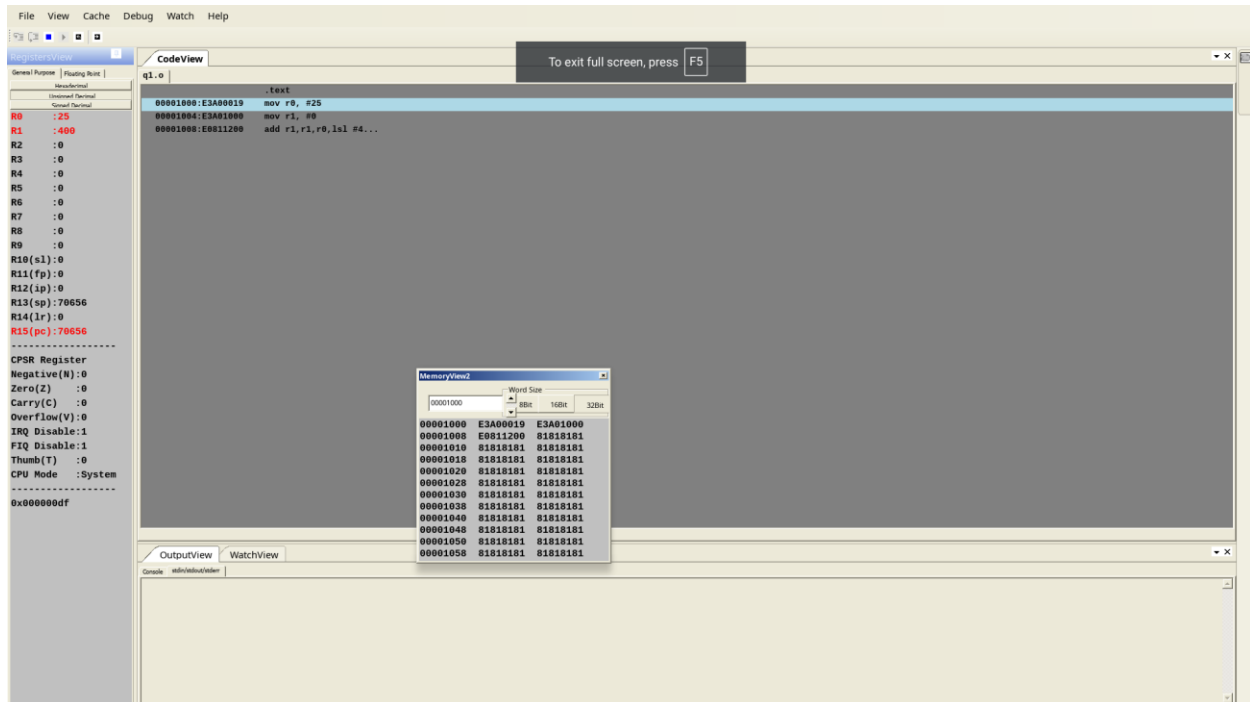
MPCA LAB 2

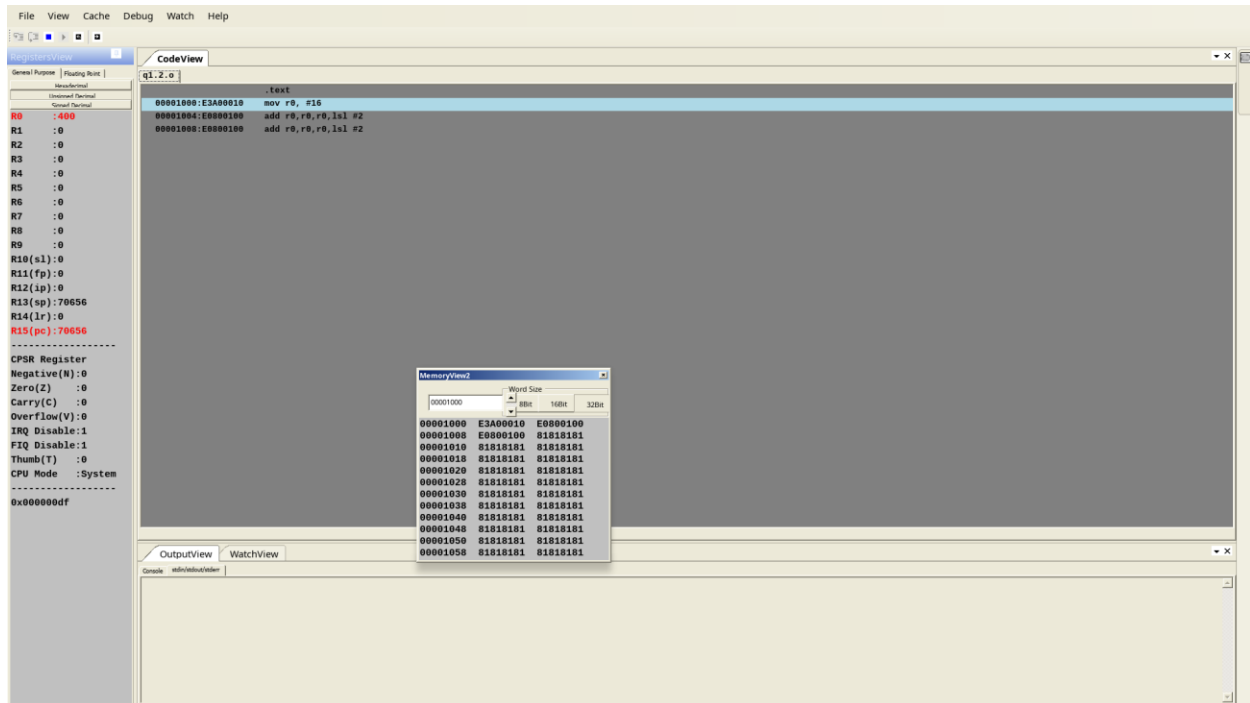
Name: Rithvik Rajesh Matta

SRN: PES2UG23CS485

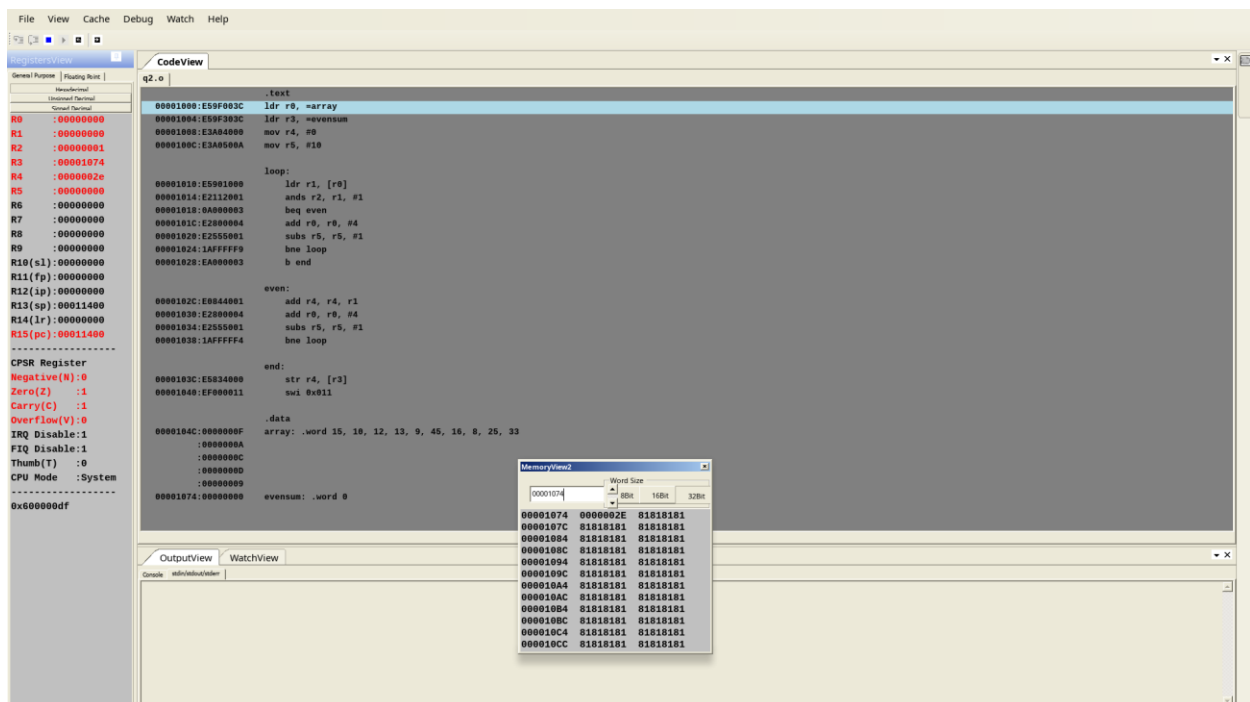
Class: 4H

1. Q1: Write an ALP using ARM7TDMI to perform to multiplication of 16X24 without using MUL instructions.(Hint: barrel shifter instructions.)

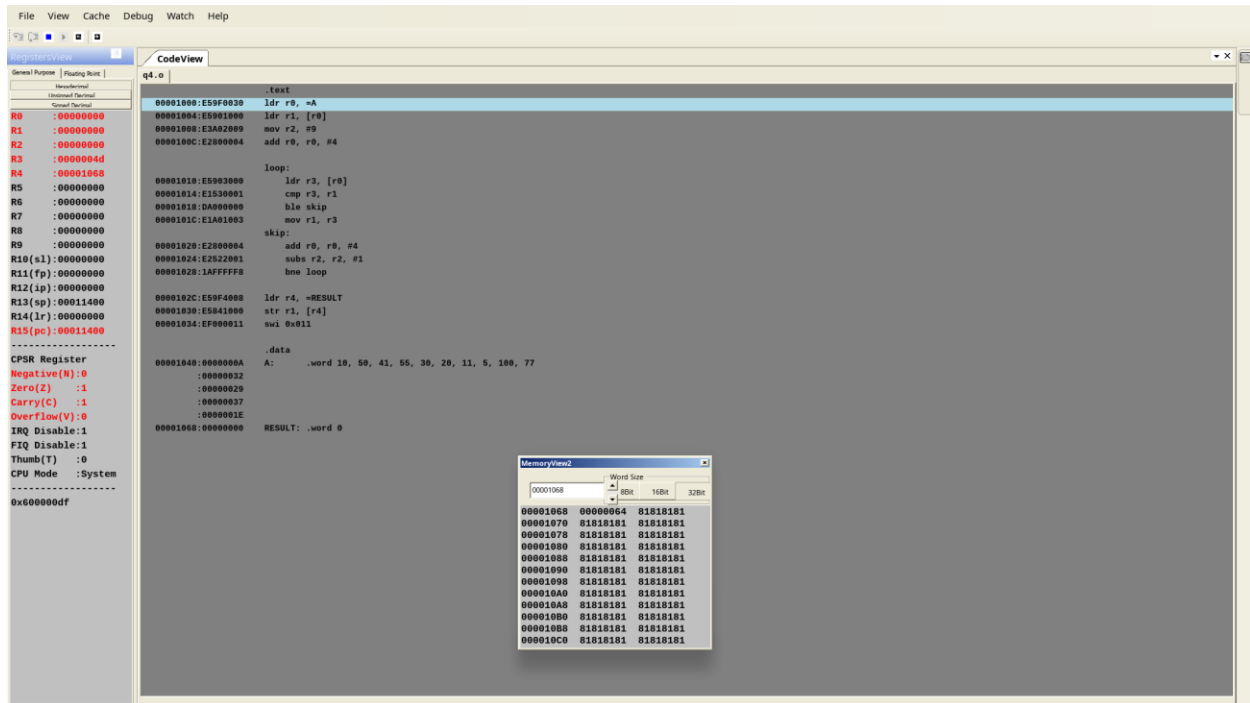




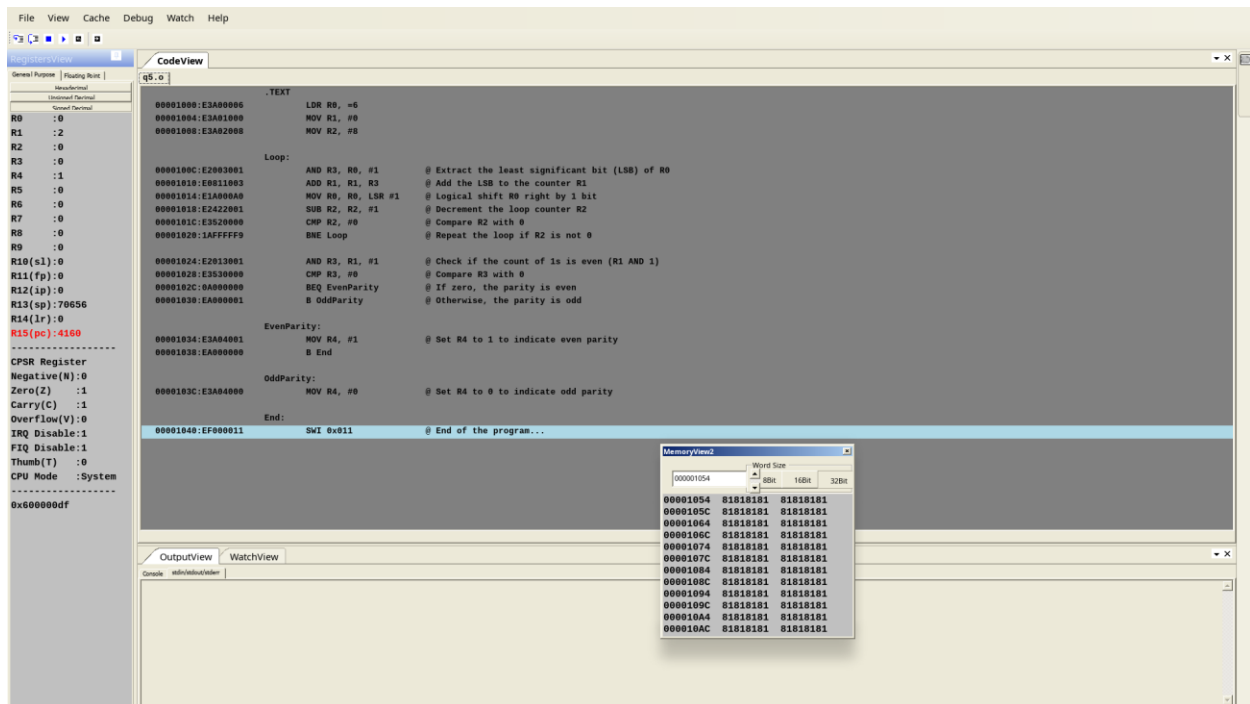
Q2: 2. Write an ALP using ARM7TDMI to add only even numbers stored in memory location for a given set of numbers and store the sum in the memory location.



Q3: 3. Write a ALP using ARMTDMI-ISA to store odd and even numbers in separate memory locations starting from LOCA and LOCB respectively



Q5: 1. Write an ALP using ARM7TDMI to find whether the given number is even parity.



Q6: 2. Write an ALP using ARM7TDMI to multiplication of 38X72 without using MUL instructions.

