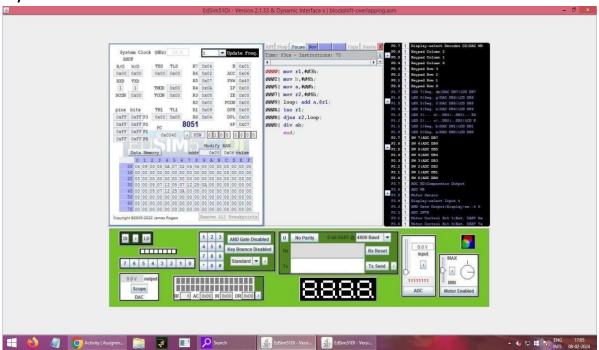
Assignment 4

Write the assembly language program in Edsim51.

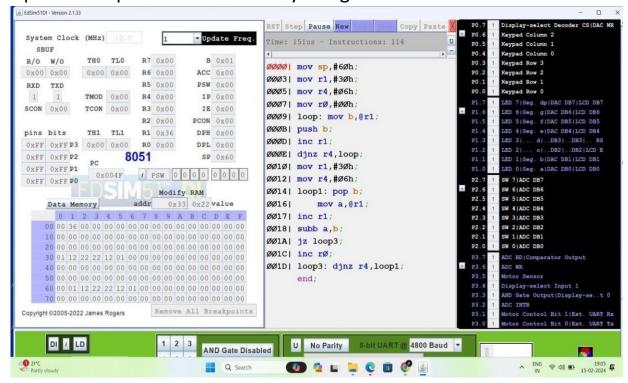
Q1. Write a assembly code to find the average of the numbers stored in a array.



Q2. Write a assembly code to find the numbers of 1's in a number and store the result in a register.

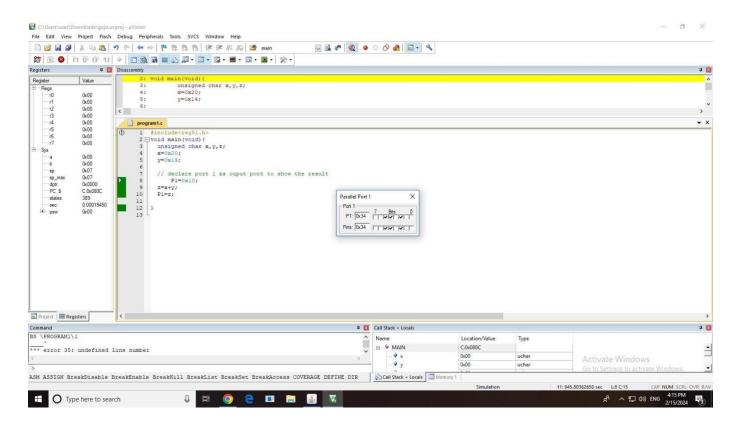


Q3. Write a assembly program to check whether the number stored in a suqueces are palindrome or not by using stack.

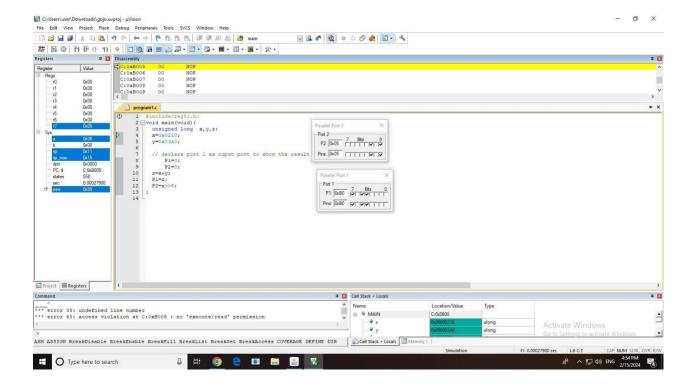


Write the C Program in Keil Embedded C:

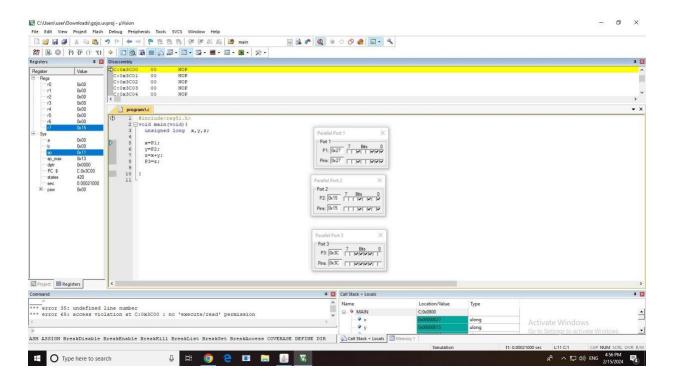
A. Addition of two 8-bit numbers and show the output on port P1.



B. Addition of two 16-bit numbers and show the output on port P1 &P2.



C. Addition of two 8-bit numbers. Take input from port P1 & P2 and show the result on port P3.



D. Addition of two 16-bit numbers. Take input from port P1, P2 & P3, P4 and display the result on port P3 & P4.

