**Exp-1 Simulation of Addition/ Subtraction using Assembly language**

**Aim:** Write an assembly language program to add/subtract two hexadecimal numbers using in Keil

**Software used**: Keil MDK

**Addition Program:**

AREA PROGRAM, CODE, READONLY

ENTRY

MOV R0,#0x25

MOV R1, #0x34

ADD R2, R0, R1

B1 B B1

END

**Observations:**

**Subtraction Program**

AREA PROGRAM, CODE, READONLY

ENTRY

MOV R0,#0x25

MOV R1, #0x34

SUB R2, R0, R1

B1 B B1

END

**Observations:**

**Results:**