EMBSYS100 – 02

BY:- Akshay Bagade
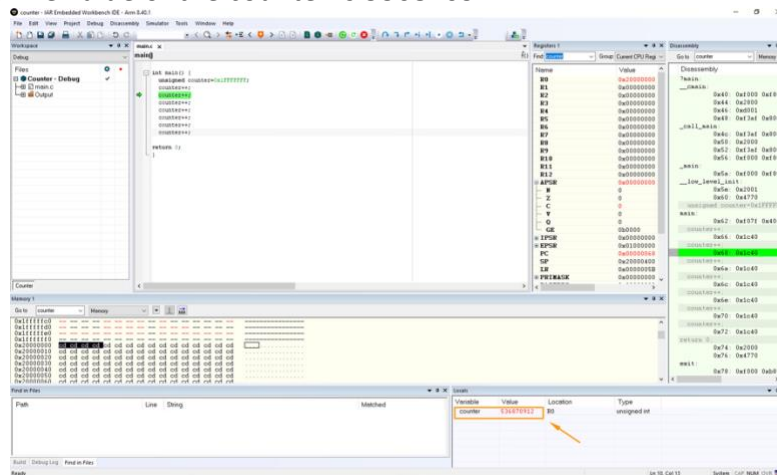
Answer 1a.) The value of counter is 536870912.
Answer 1b.) 24.
Answer 1c.) No flags.
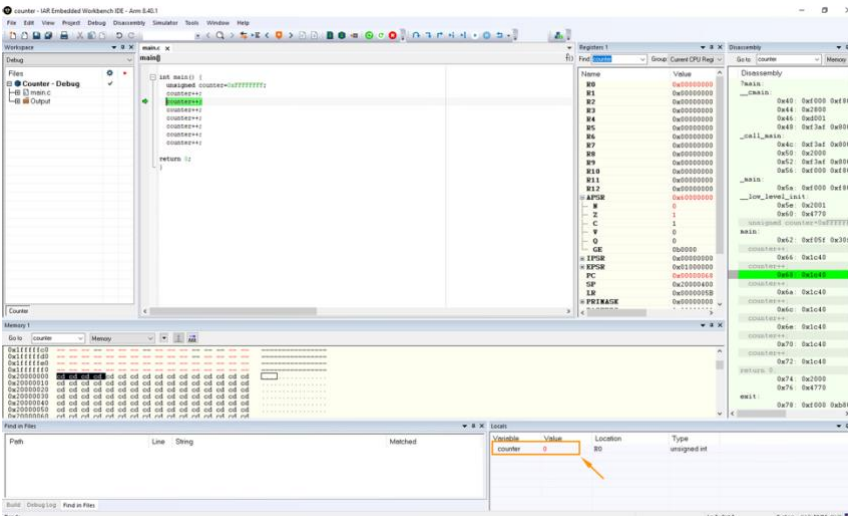
Answer 2a.) The counter gets incremented by 1
Answer 2b.) No flags.

Answer 3a.) The value of the counter is 536870912

Answer 3b.) No flags are set.

Answer 4a.) The value of the counter is 0.

Answer 4b.) Flags Z and C are set.

Answer 5a.) The scope of the counter is global.

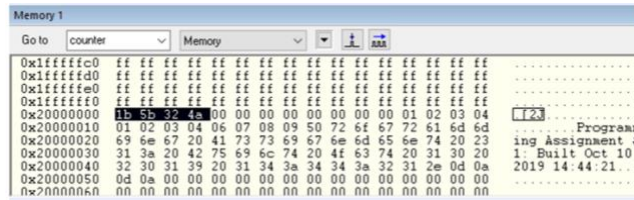Answer 5b.) It is not visible in the local view.

Answer 5c.) We can track the value of counter in the watch window.

Answer 5d.) Is the address of the counter 0x20000000 in the memory.

Answer 6a.) The counter value is "4".

Answer 6b.) The reason why the counter value has changed is because we have incremented the value 4 times.

Answer 7a.) The address is 1b 5b 32 4a

Answer 7b.) The counter is stored in the ROM

Answer 7c.) The value of the counter is 1244814107