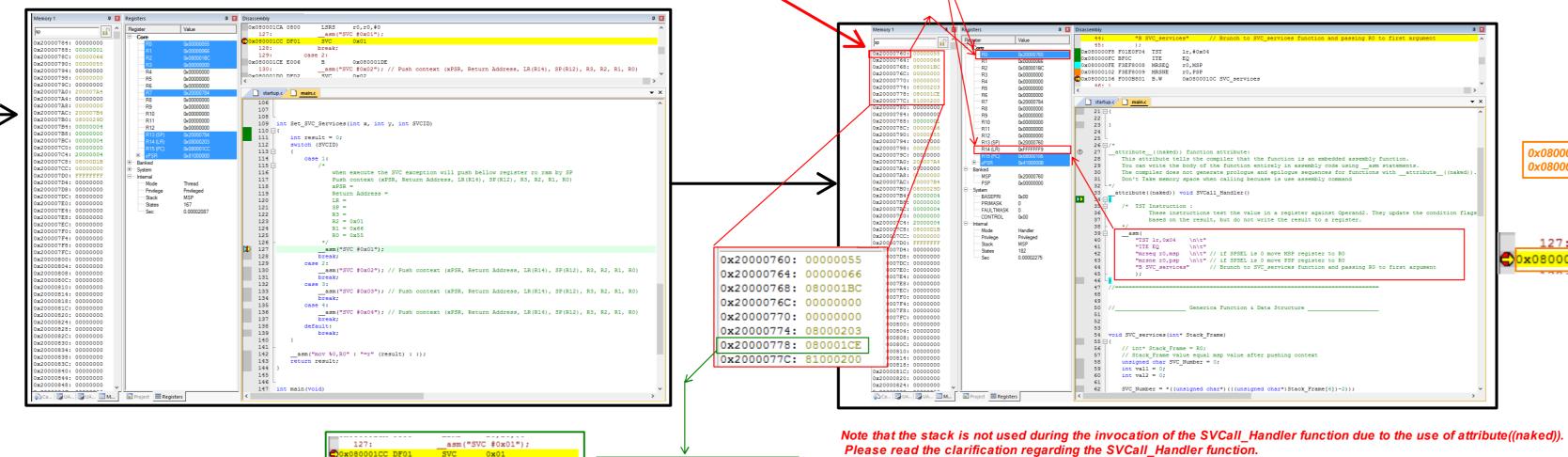
We Call the function Set_SVC_Services and pass three parameters to it.

These parameters are saved in registers as shown in the image.

when execute the SVC exception will push bellow register ro ram by SP Push context (xPSR, Return Address, LR(R14), SP(R12), R3, R2, R1, R0)

break;

129: case 2: x080001CE E006 B 0x080001DE Here, we check the used stack before executing the SVC_exception, and then assign the value of the stack to R0.



The address of the instruction after the SVC Call

This value can be accessed through r0 or the Stack_Frame, which contains the location of the context pushing operation.

