Using The "static" Keyword

What is static in C lan?
==================
1. static in C lan is a keyword.
2. It is used with variable declarations and whenever a variable is declared using the keyword static then
  a) The default value of the variable automatically gets set to 0 instead of garbage.
  b) The lifetime of the variables increases and the variable survies untill the program is terminated .

3. Thus we can say that using static with local variables make them exist in memory untill the program is running. This means that even when the function in which a static variable has been declare is terminated still the static variable remains alive in memory.

4. We should not get confused and think that static makes a variable global. This is not true. The keyword static simply increases the lifetime of the variable but not its accessibility. Static variables are also local but like other local variable they are not… destroye when the function terminate.

5. static variables don't live in stack or heap area. Rather they are stored in another special area of RAM called as **method area** or **static memory area.**