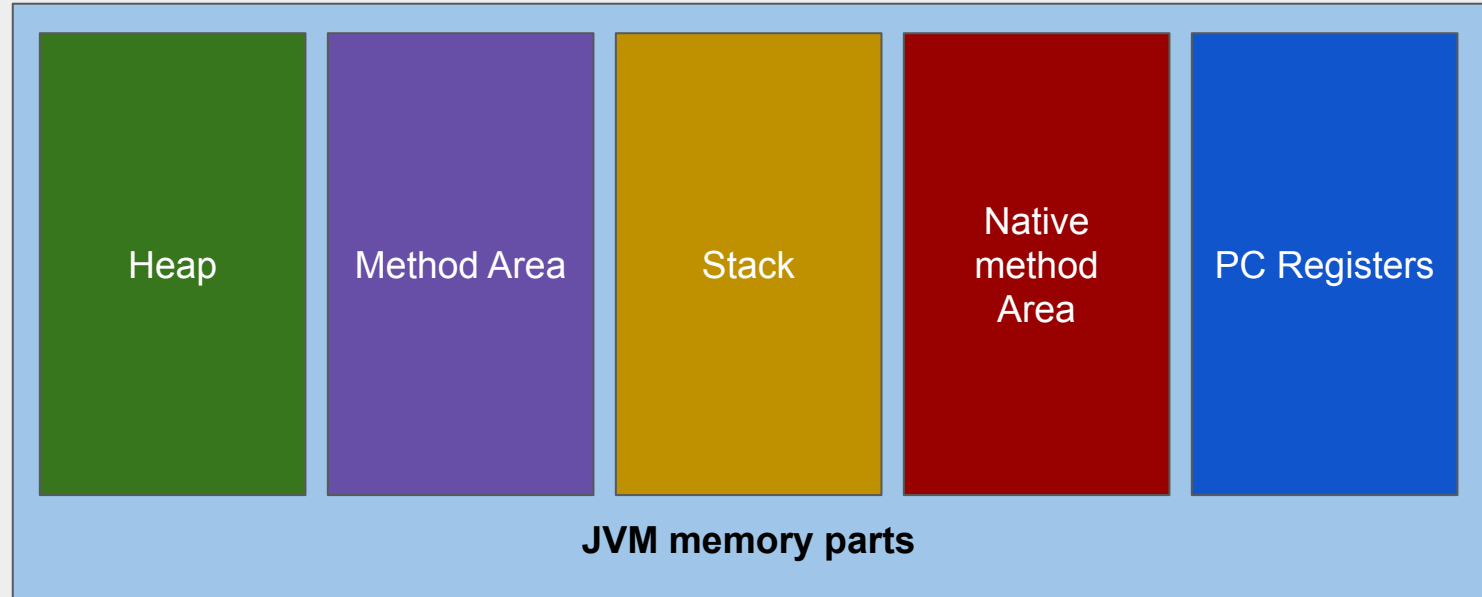# Memory management

Java memory management

The process of allocation and deallocation of objects, called Memory management. Java does memory management automatically. Java uses an automatic memory management system called a garbage collector. Thus, we are not required to implement memory management logic in our application.

JVM Memory Structure

| Heap | Method Area | Stack | Native method Area | PC Registers |

JVM memory parts

Note: The heap area is one of the most important memory areas of JVM. All the java objects are stored in heap area.

Interview Questions