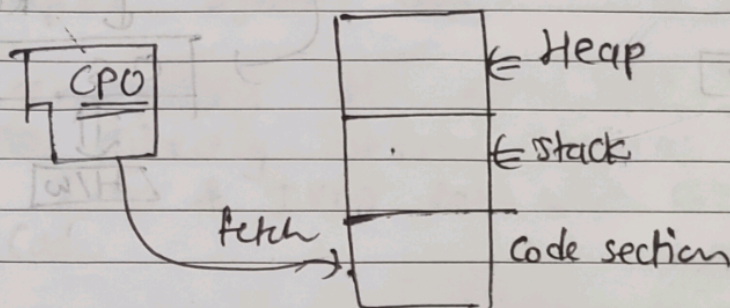


JIT \Rightarrow Just in time compiler used in java

JVM Architecture

It is a Java interpreter which acts like a gate betⁿ operational operating system & class file

⊛ The architecture & how program runs



Executable file is get loaded inside ram (class loading) which is done by class loader

In code section the file came & then JIT convert that code into the runnable executable file then

Variable are created in stack
Objects are created in heap

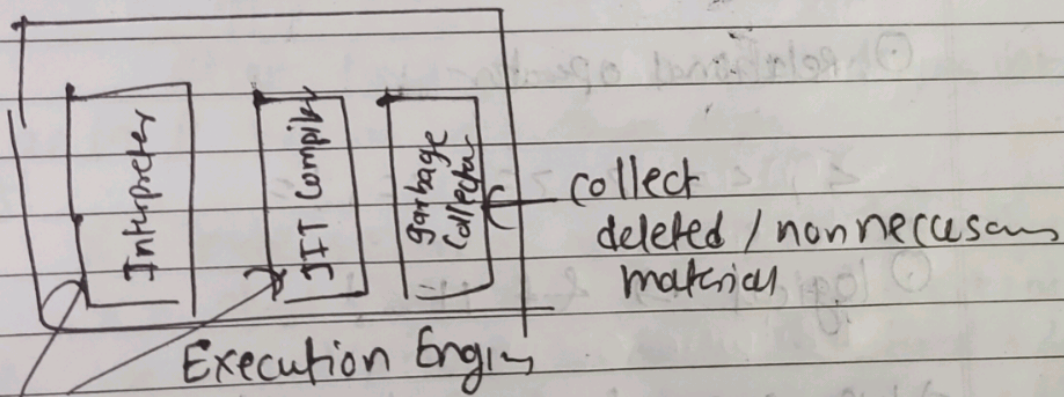
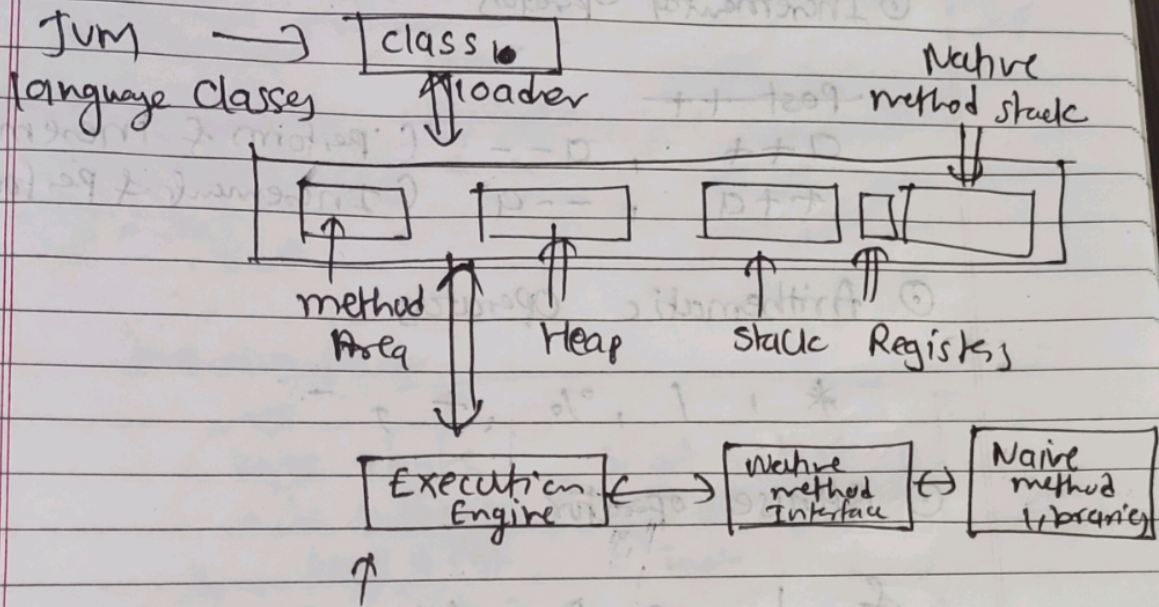
Every function has own stack & it will store its local variable inside that particular stack \Rightarrow Stackframe

\Rightarrow If want object in function then that function will points that object from stack to heap

JVM

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JVM



Run the
• class
file

- ④ Features of Java
- ① simple
 - ② secure
 - ③ OOPS
 - ④ Portable
 - ⑤ Robust
 - ⑥ multithreaded
 - ⑦ Interpreted
 - ⑧ High performance
 - ⑨ Dynamic
 - ⑩ Distributed
 - ⑪ Platform Dependency