

JRE Step 1:

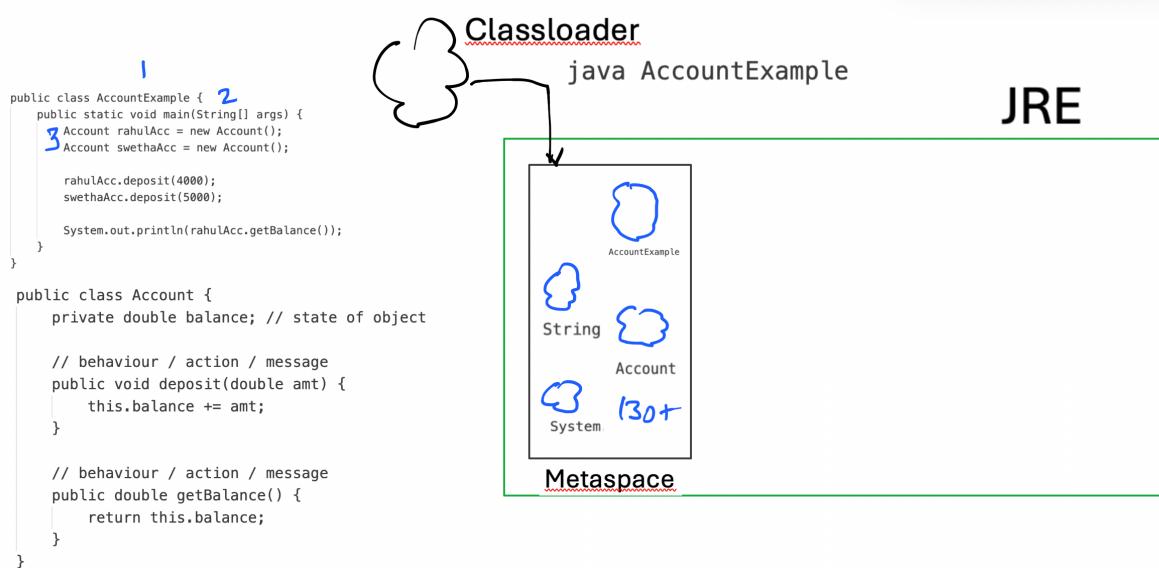
Classloader loads the classes into Metaspace

Classloader loads the .class[bytecode] from secondary storage to primary storage [RAM]

Methods of classloader

- 1) findLoadedClass()
- 2) loadClass() --> checks the current folder and CLASSPATH {env variable}
- 3) findSystemClass() --> is it built-in API
- 4) defineClass() --> converts bytecode to platform specific code to make use Arch and OS kernel

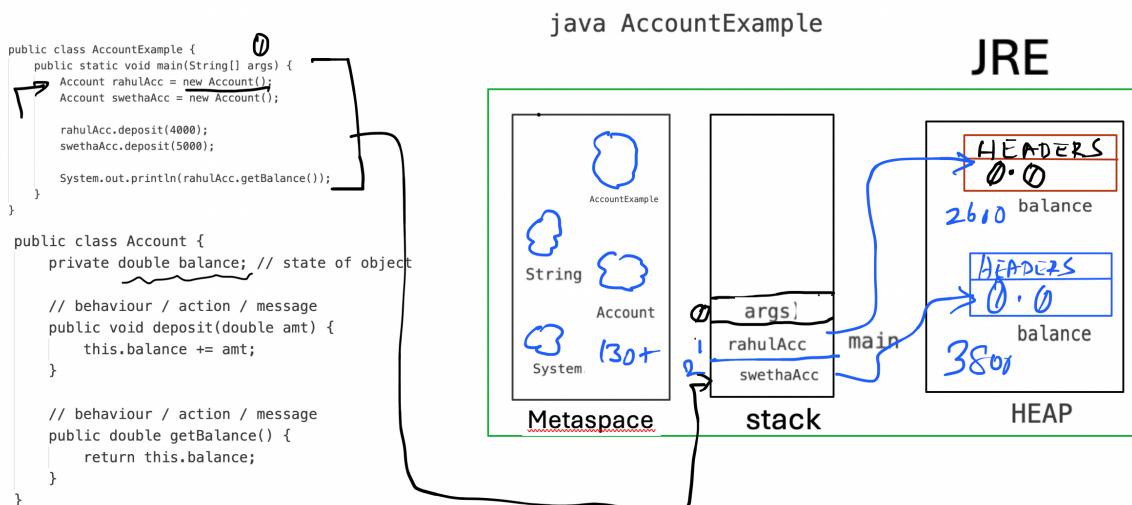
if 1, 2, 3 fails --> ClassNotFoundException



Step 2:

Main Thread starts executing

Create a stack and load the main() method on the stack



Step 3: Execution of instance methods

`rahulAcc.deposit(4000);`
 gets translated to
`deposit(rahulAcc, 4000);`

Always context [left hand side before period operator] becomes the implicit first argument called as “this”

