

Java 下载以及相关环境配备

一：Java 开发环境：JDK

JDK 由 JRE 和 javac java 组成

JRE 又叫 java 的运行环境，由 JVM 和核心类库组成

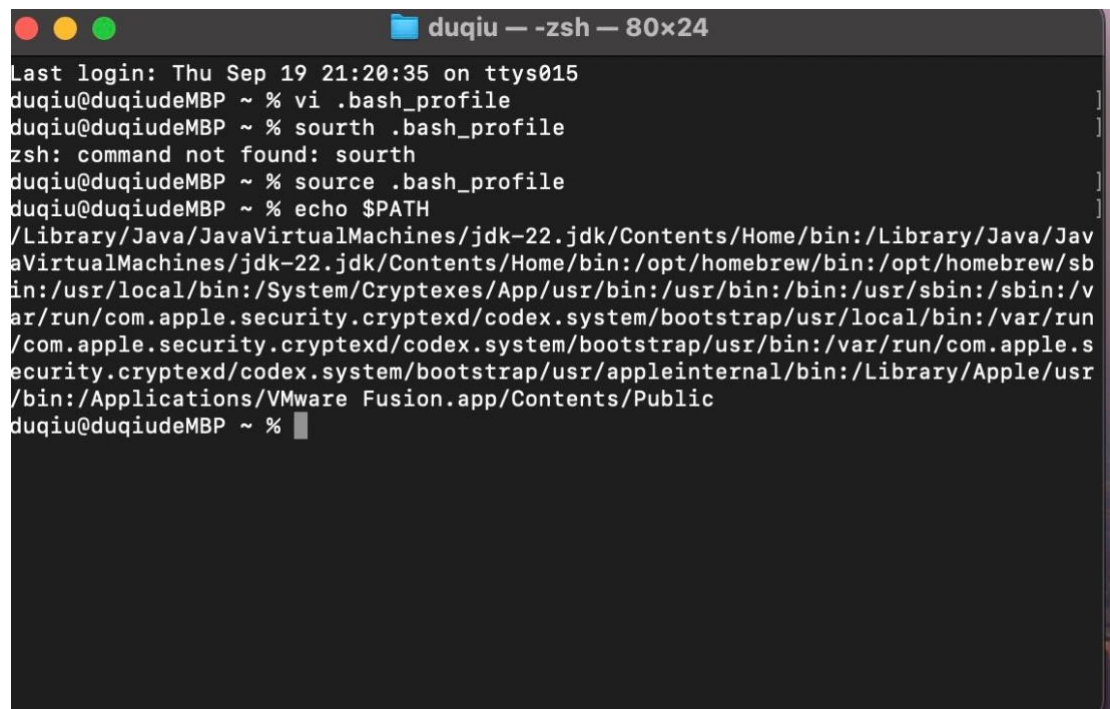
JVM 是 java 运行程序的虚拟机，根据核心类库，可以供程序员自己调用，以运行程序

Javac 负责编译程序，java 最后执行程序

二：环境变量的配置

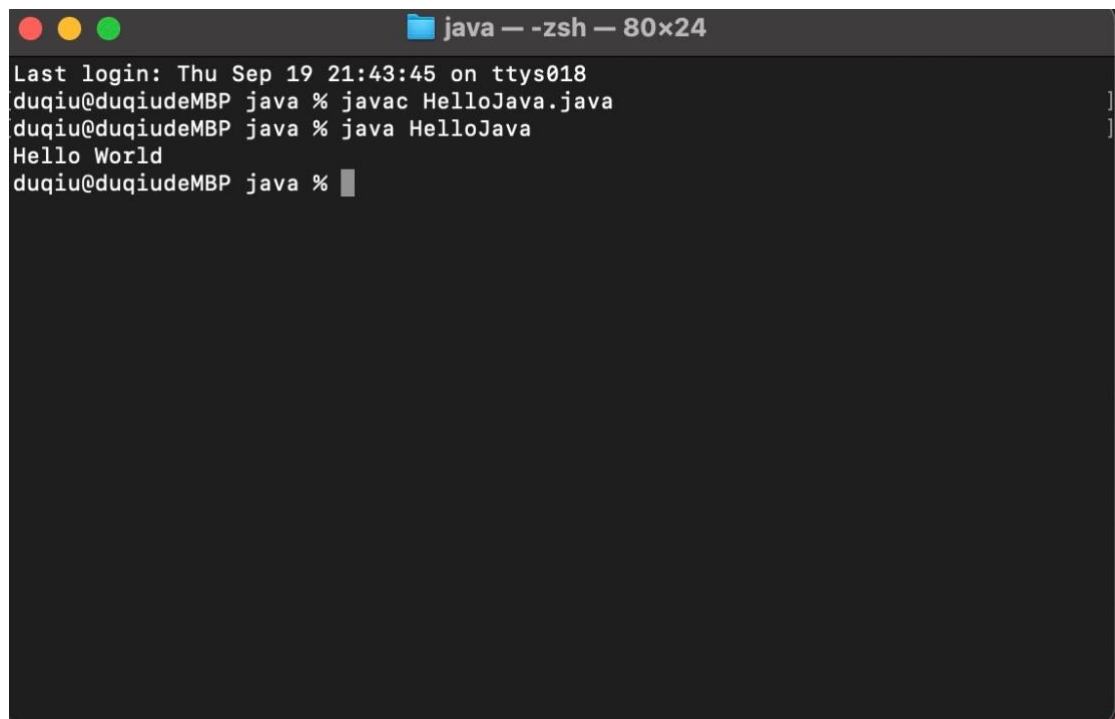
配置 java 路径。/Library/Java/JavaVirtualMachines/jdk-22.jdk/Contents/Home/bin

将其贴到 path 路径，用于记住程序路径，以便在命令行任何目录使用 java



```
duqiu — zsh — 80x24
Last login: Thu Sep 19 21:20:35 on ttys015
duqiu@duqiudeMBP ~ % vi .bash_profile
duqiu@duqiudeMBP ~ % sourth .bash_profile
zsh: command not found: sourth
duqiu@duqiudeMBP ~ % source .bash_profile
duqiu@duqiudeMBP ~ % echo $PATH
/Library/Java/JavaVirtualMachines/jdk-22.jdk/Contents/Home/bin:/Library/Java/JavaVirtualMachines/jdk-22.jdk/Contents/Home/bin:/opt/homebrew/bin:/opt/homebrew/sbin:/usr/local/bin:/System/Cryptexes/App/usr/bin:/usr/bin:/bin:/usr/sbin:/sbin:/var/run/com.apple.security.cryptexd/codex.system/bootstrap/usr/local/bin:/var/run/com.apple.security.cryptexd/codex.system/bootstrap/usr/bin:/var/run/com.apple.security.cryptexd/codex.system/bootstrap/usr/appleinternal/bin:/Library/Apple/usr/bin:/Applications/VMware Fusion.app/Contents/Public
duqiu@duqiudeMBP ~ %
```

三：

A terminal window titled "java — -zsh — 80x24" with standard macOS window controls (red, yellow, green buttons). The terminal shows the following text:

```
Last login: Thu Sep 19 21:43:45 on ttys018
duqiu@duqiudeMBP java % javac HelloJava.java
duqiu@duqiudeMBP java % java HelloJava
Hello World
duqiu@duqiudeMBP java %
```

运行结果

四：利用 IDE

```
Users > duqiu > Desktop: duqiu /Users/duqiu
1 public class HelloJava {
    Run | Debug | Run main | Debug main
2 public static void main(String[] args){
3     System.out.println(x:"Hello World");
4 }
5 }
```

问题 1 输出 调试控制台 终端 端口 Code

```
[Running] cd "/Users/duqiu/Desktop/java/" && javac HelloJava.java && java HelloJava
Hello World

[Done] exited with code=0 in 0.257 seconds

[Running] cd "/Users/duqiu/Desktop/java/" && javac HelloJava.java && java HelloJava
Hello World

[Done] exited with code=0 in 0.235 seconds
```