

JAVA

coffee class

- Java is a class based, High level, Object-Oriented programming language.
- It is developed by James Gosling and his friends in 1995.
- Old Name: Oak →
- First version is JDK-10 released on 23rd Jan, 1996 by "Sun Microsystem".
- In 2010, owned by Oracle.

Oak

Flavours of Java



Core Java
(J2SE)
Software

Advance Java
(J2EE)
Web

OR

Android Java
(J2ME)
Apps

Why Learn Java?

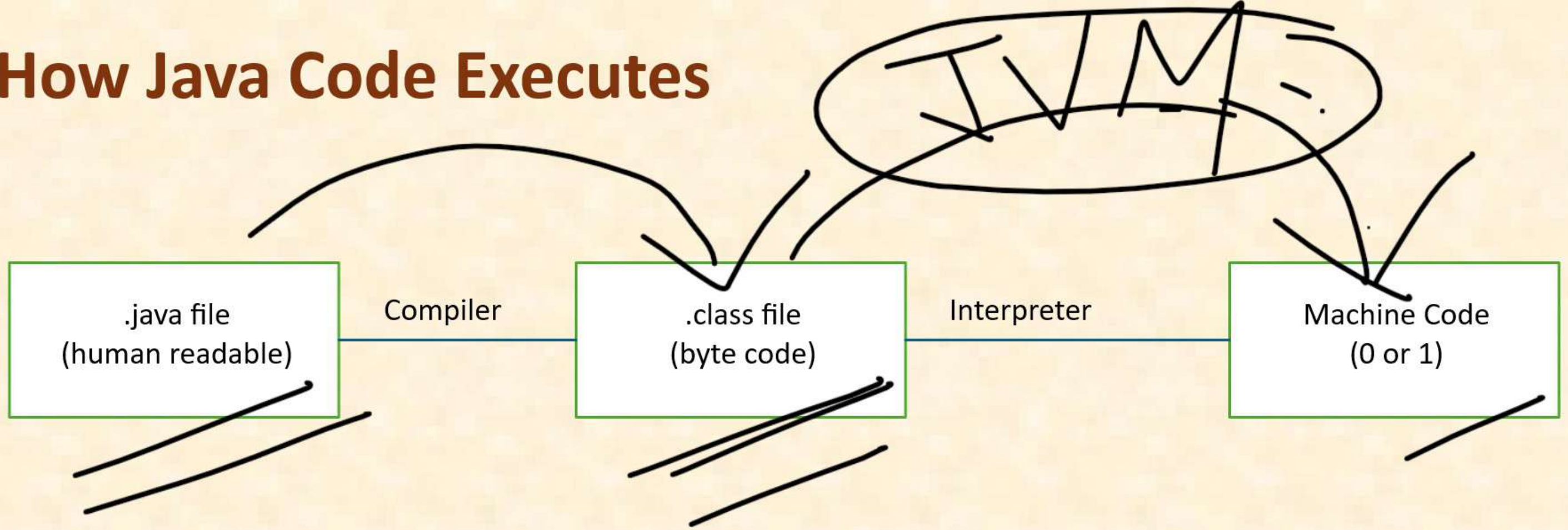
- Simple and Easy to Learn ✓
- Open Source ✓
- Platform Independent ✓
- Secure ✓
- Embedded ✓
- Compiled & Interpreted ✓
- Robust ✓
- Large Library and Framework ✓

Write Once, Run Anywhere

~~OOPS~~

ORM

How Java Code Executes



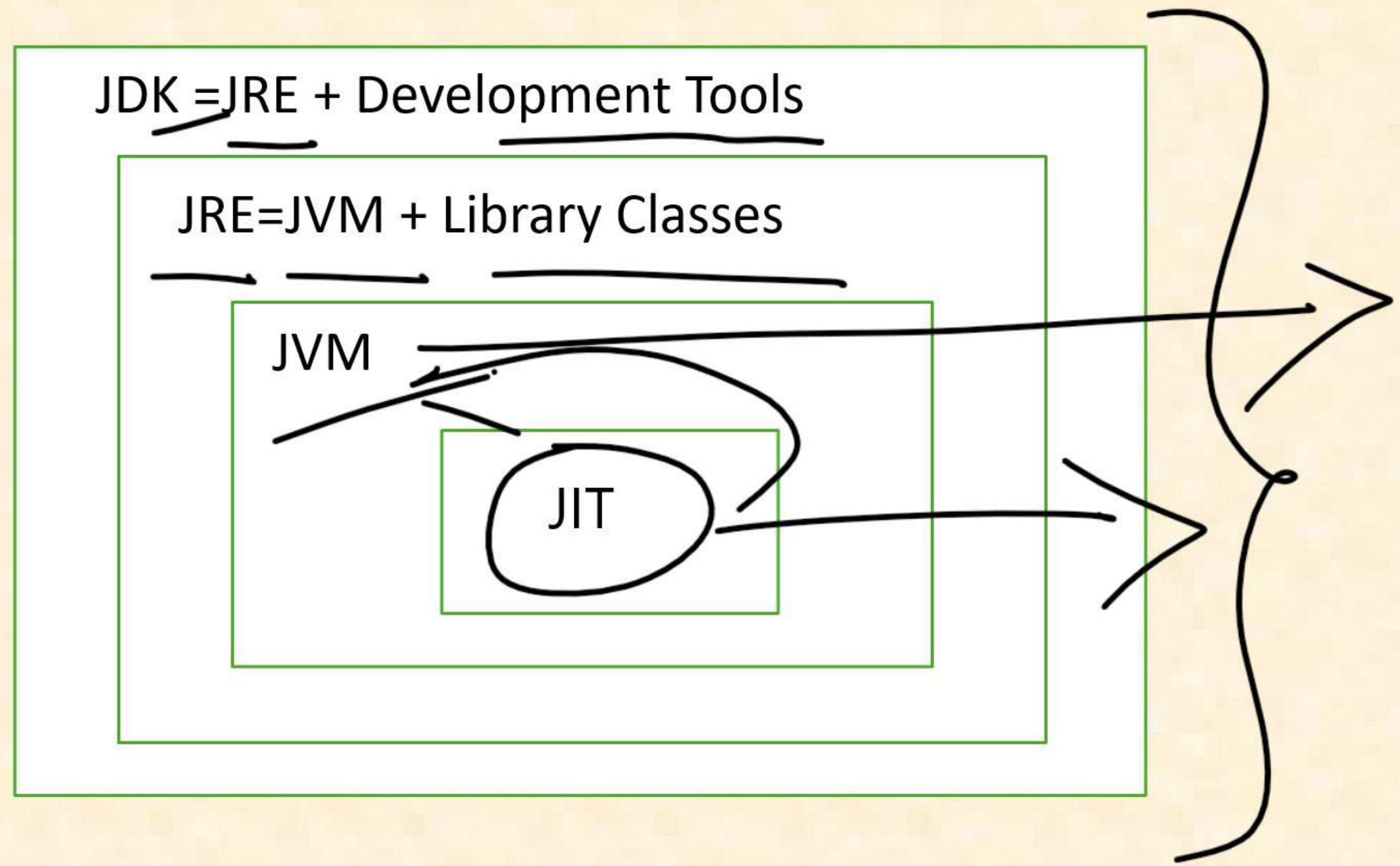
JDK = JRE + Development Tools

JRE = JVM + Library Classes

JVM

JIT

Inter



First Java Program

```
. public class First {  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
    }  
}
```

args

main

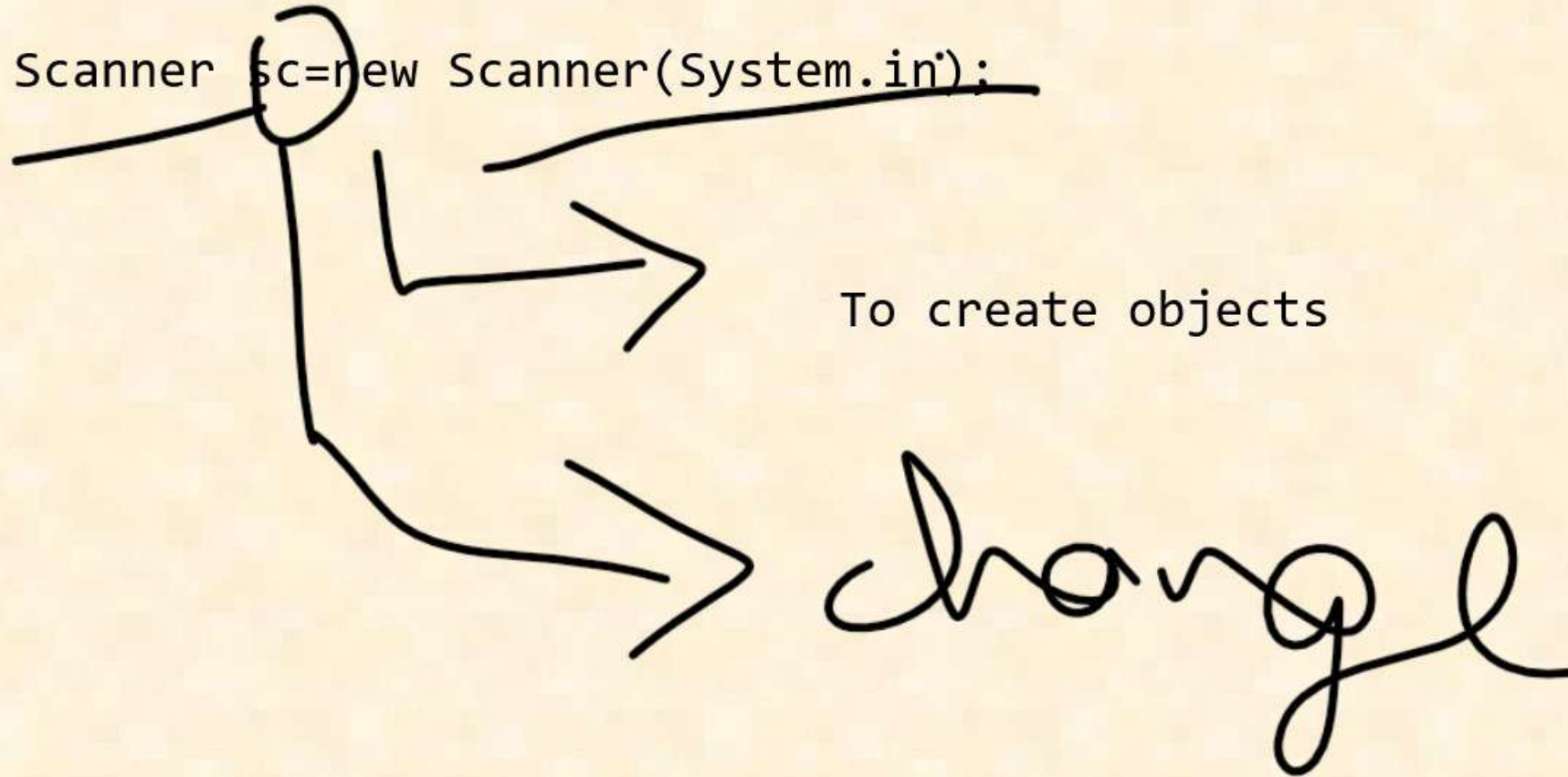
static

int void

deal with
class

Output:-System.out.println(" ");

Input:- Scanner sc=new Scanner(System.in);



First Java Code:-

```
import java.util.*;

public class First {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter your Name:");
        String name=sc.next();
        System.out.println("Hello "+name);
    }

}
```