

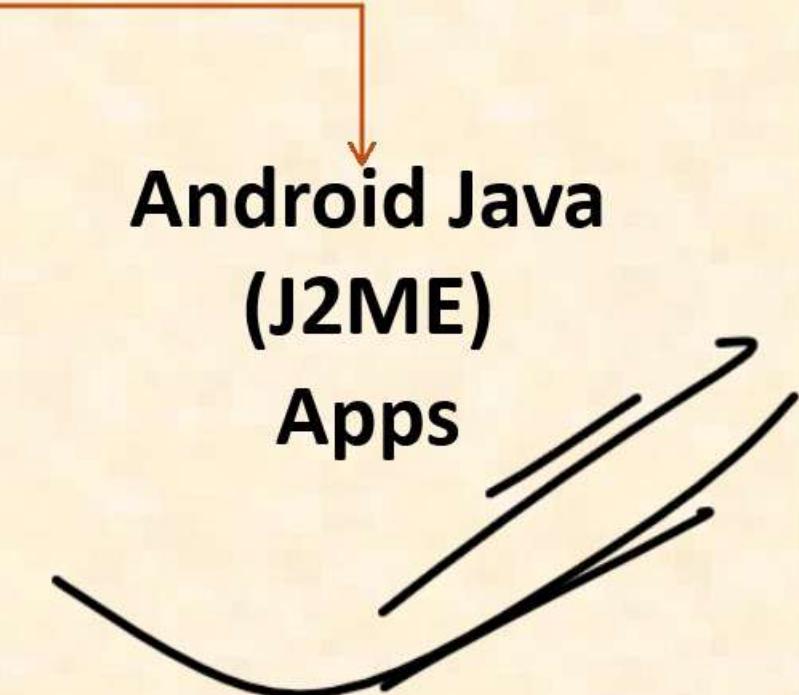
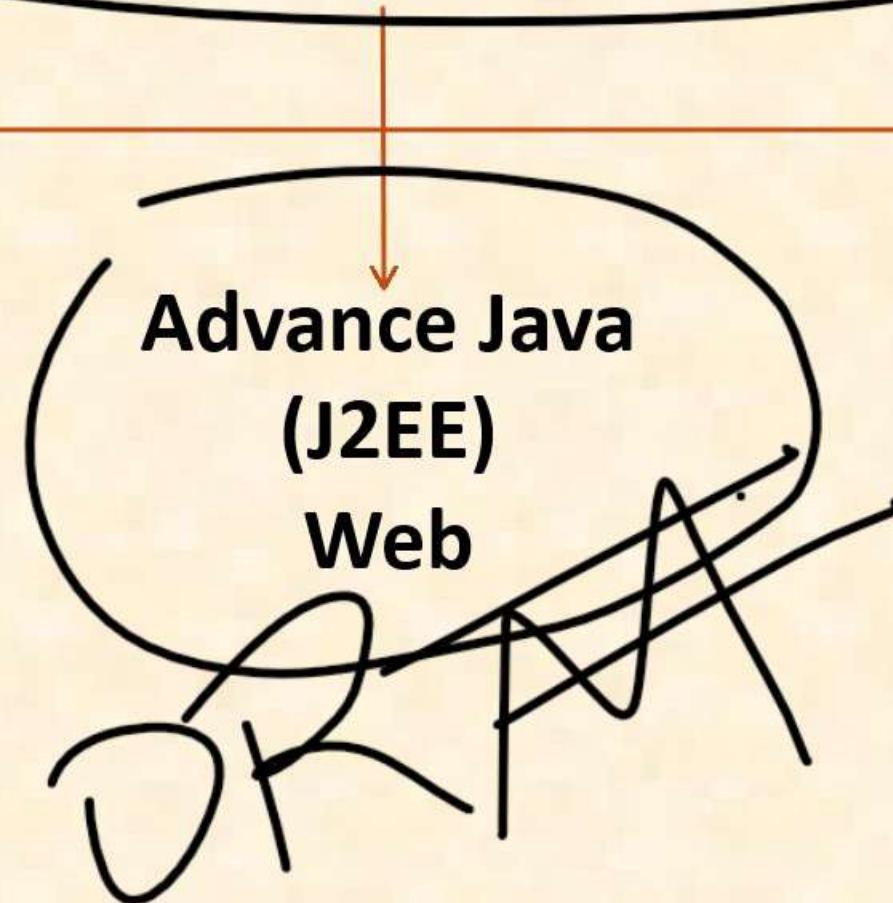
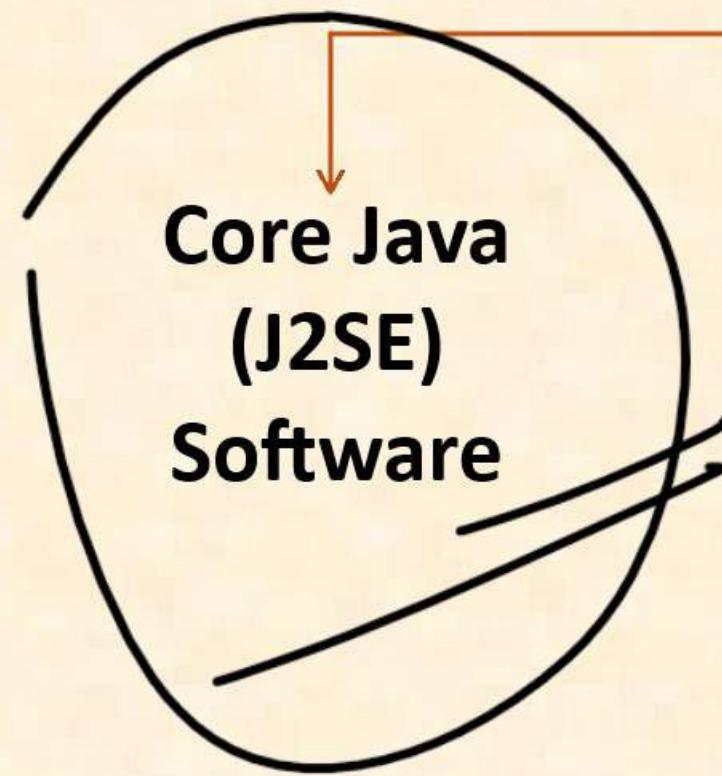
JAVA

Collection 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-1.0 released on 23rd Jan, 1996 by “Sun Microsystem”.
- In 2010, owned by Oracle.

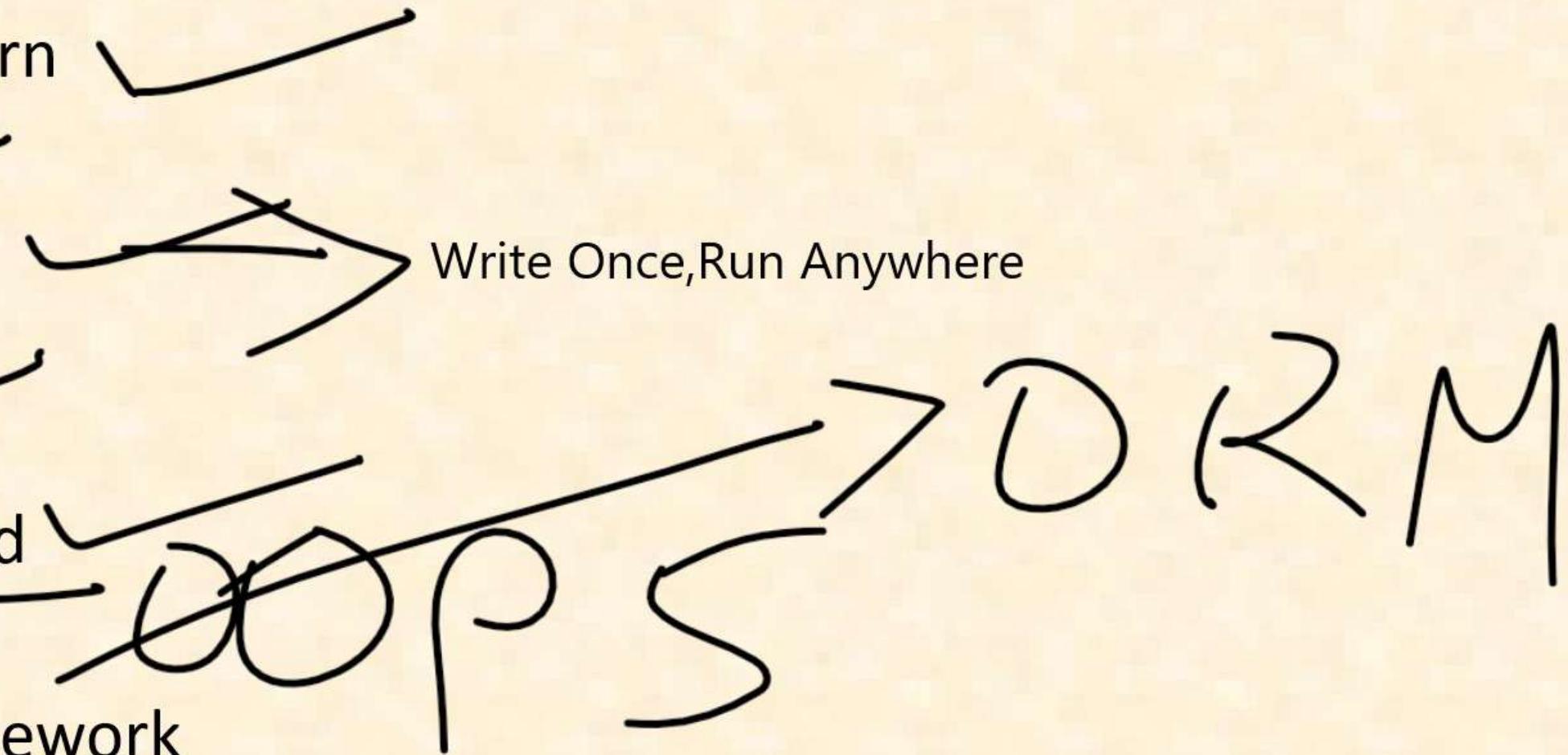
Oak

Flavours of Java

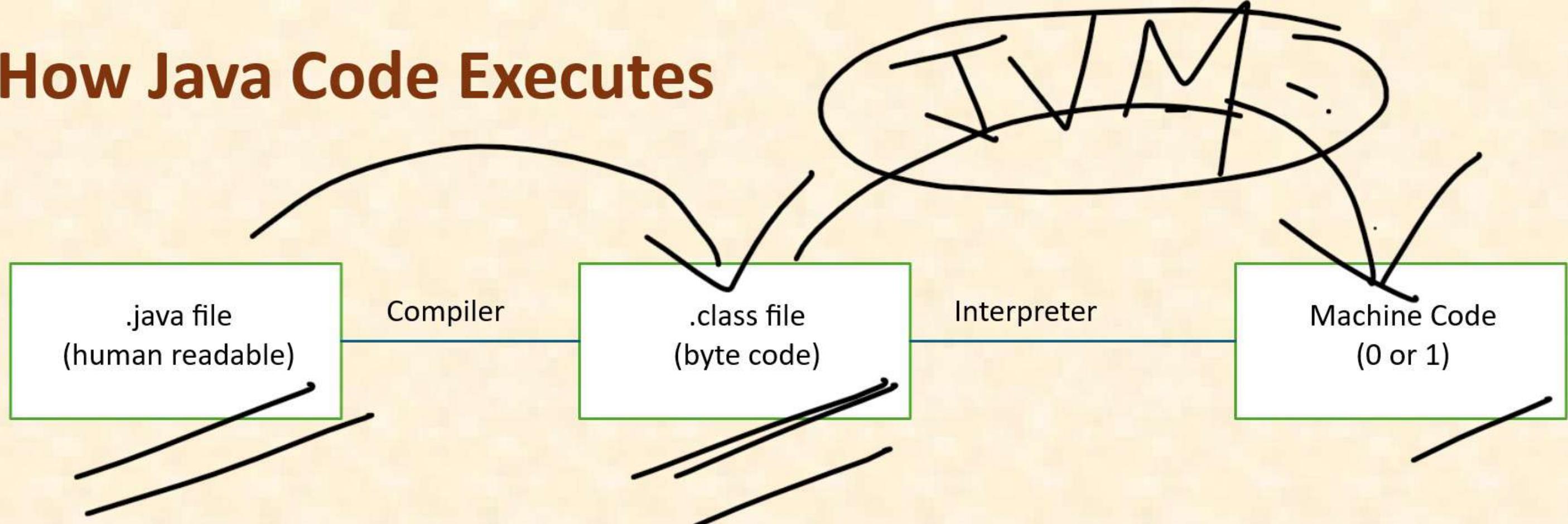


Why Learn Java?

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



How Java Code Executes



JDK = JRE + Development Tools

JRE = JVM + Library Classes

JVM

JIT

→ Interpr^r
+ Compiler

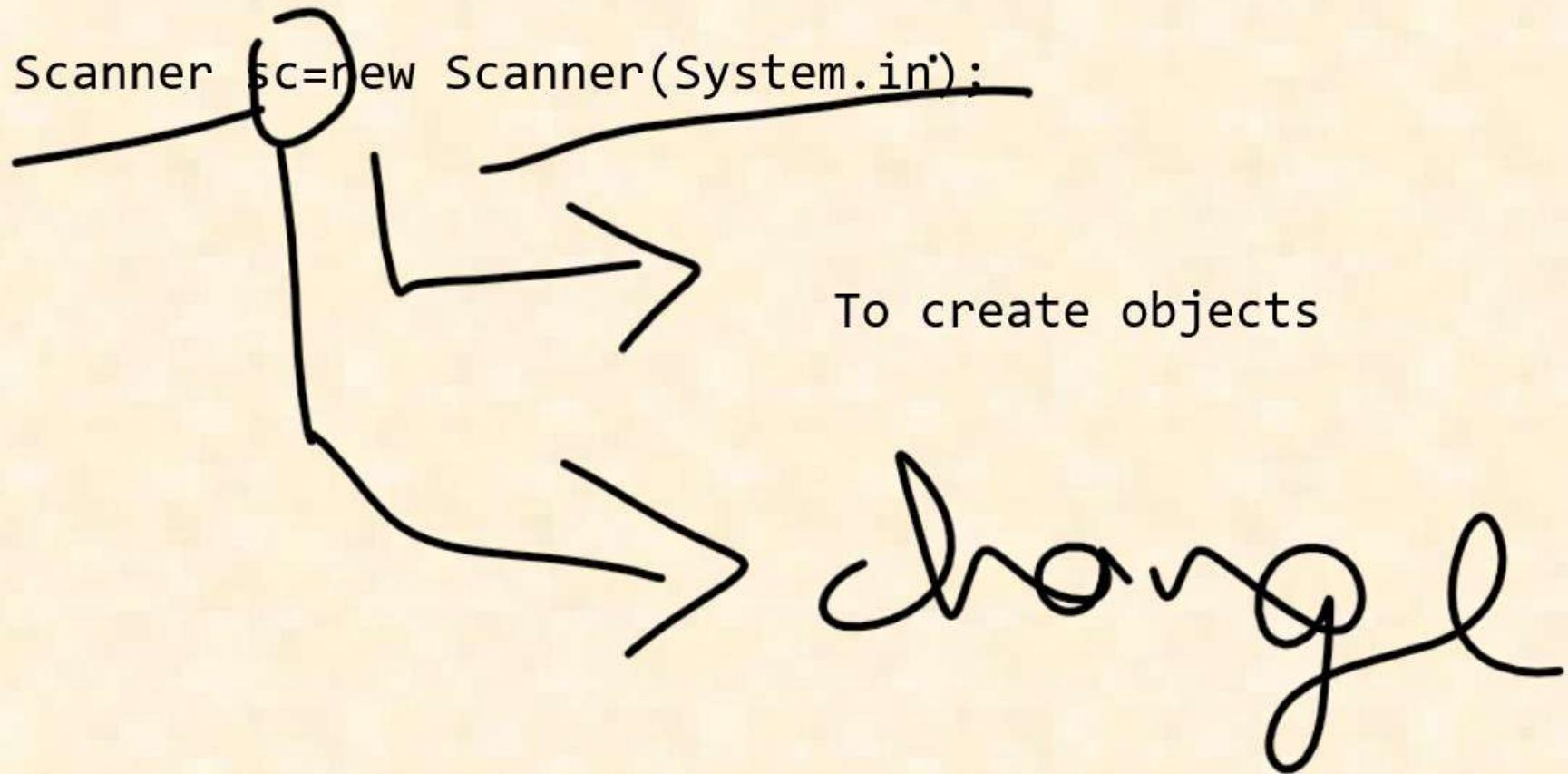
First Java Program

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

int static void main(args)
class deal with

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

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



To create objects

change

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);
    }
}
```