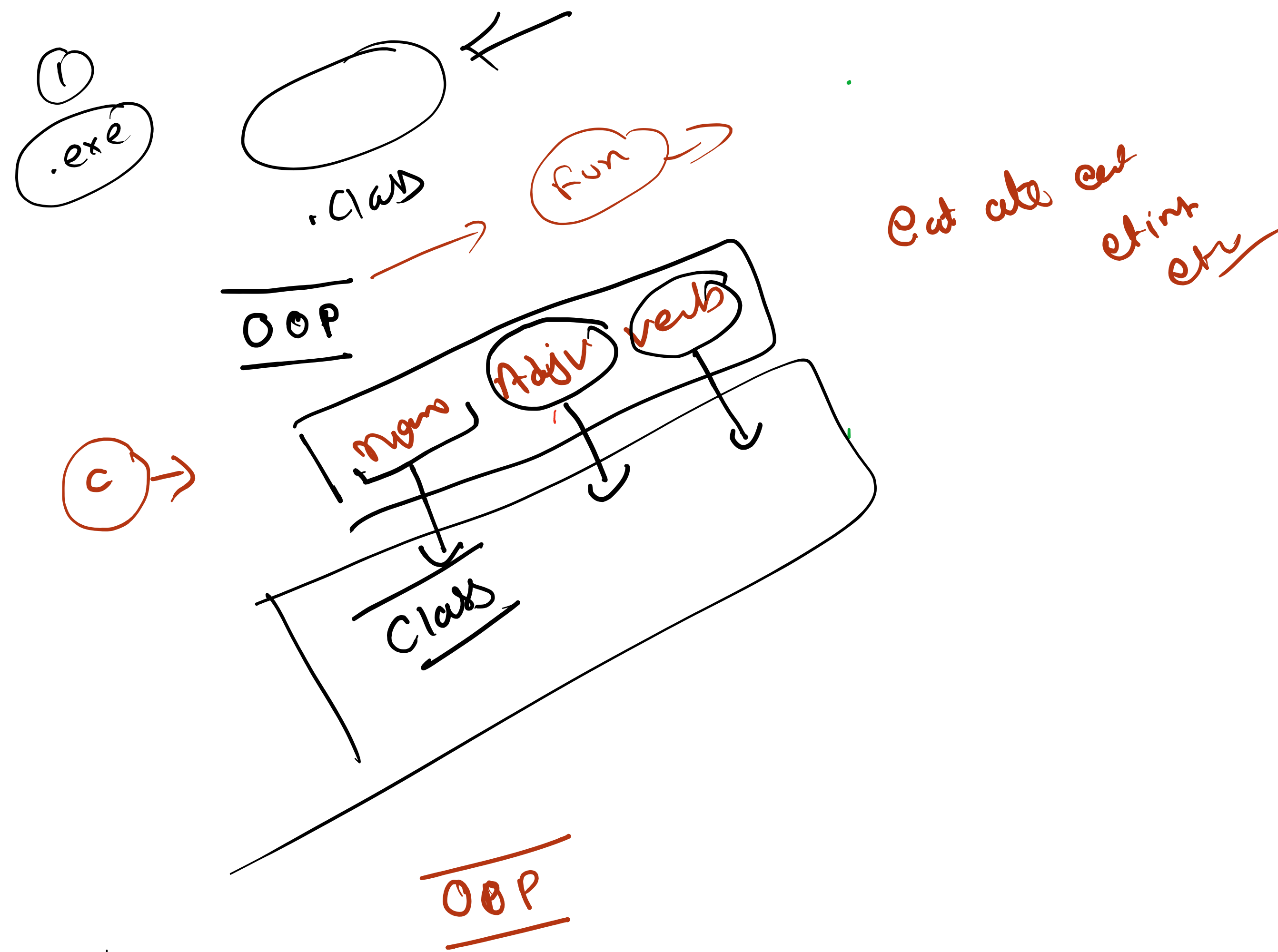
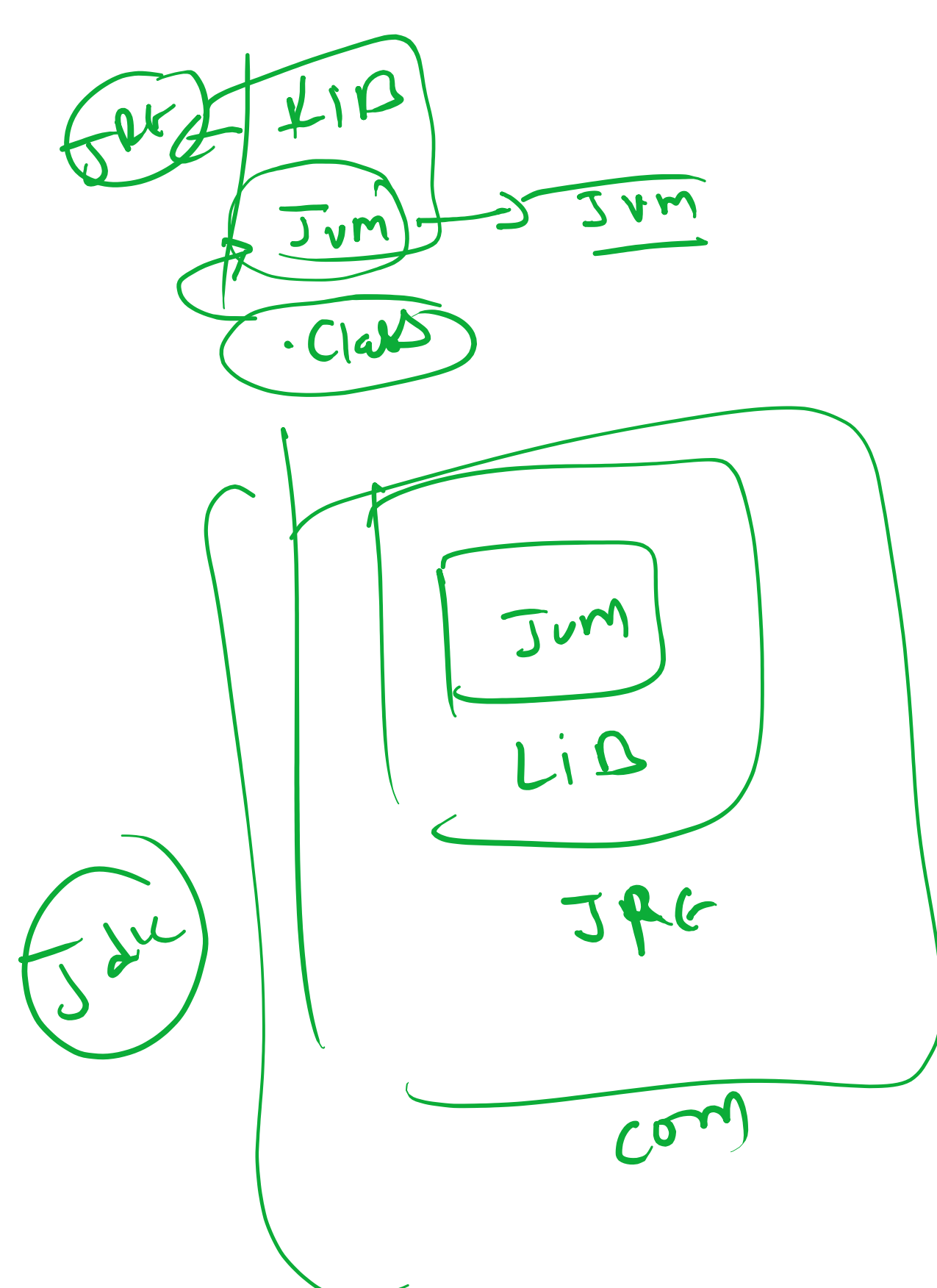
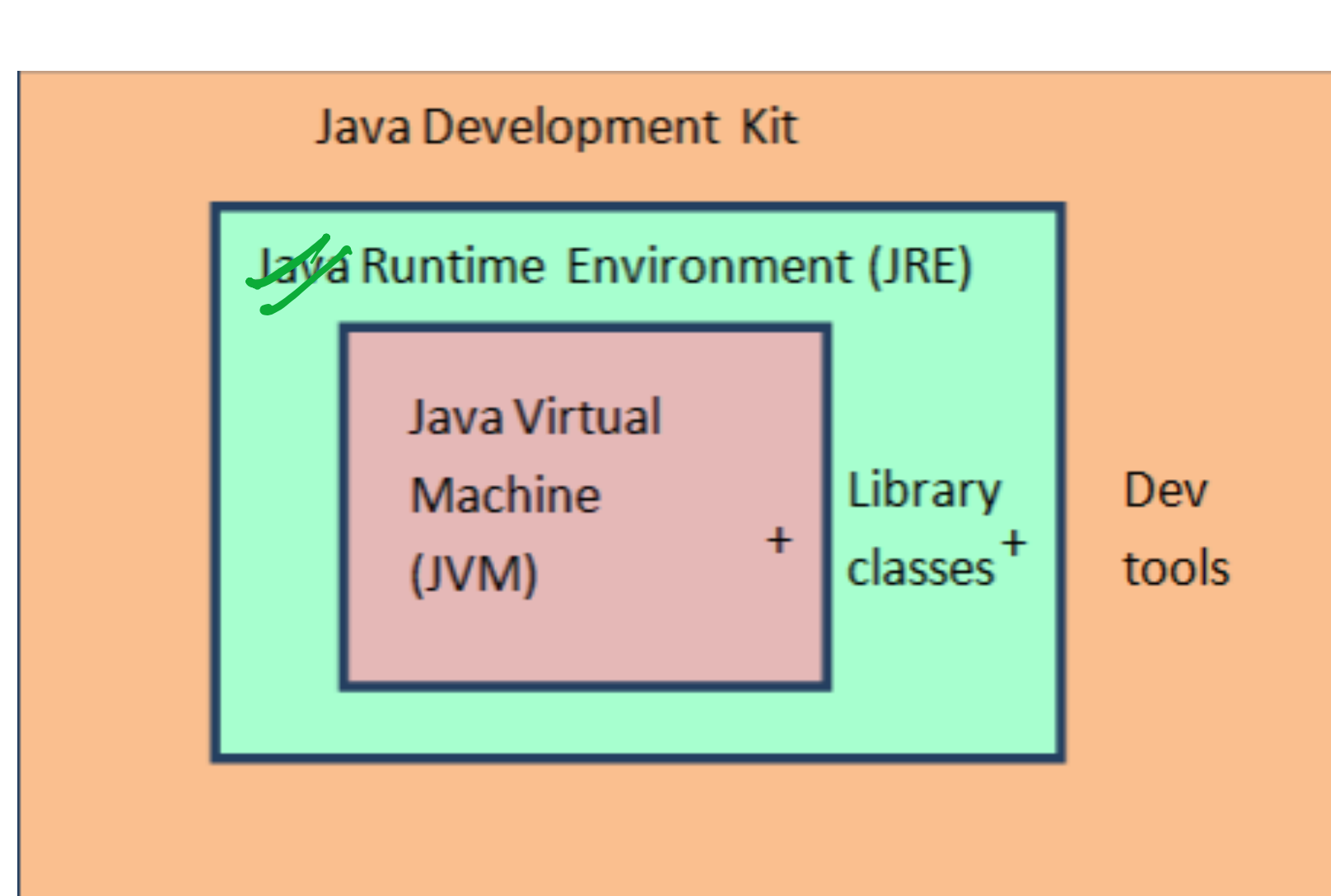
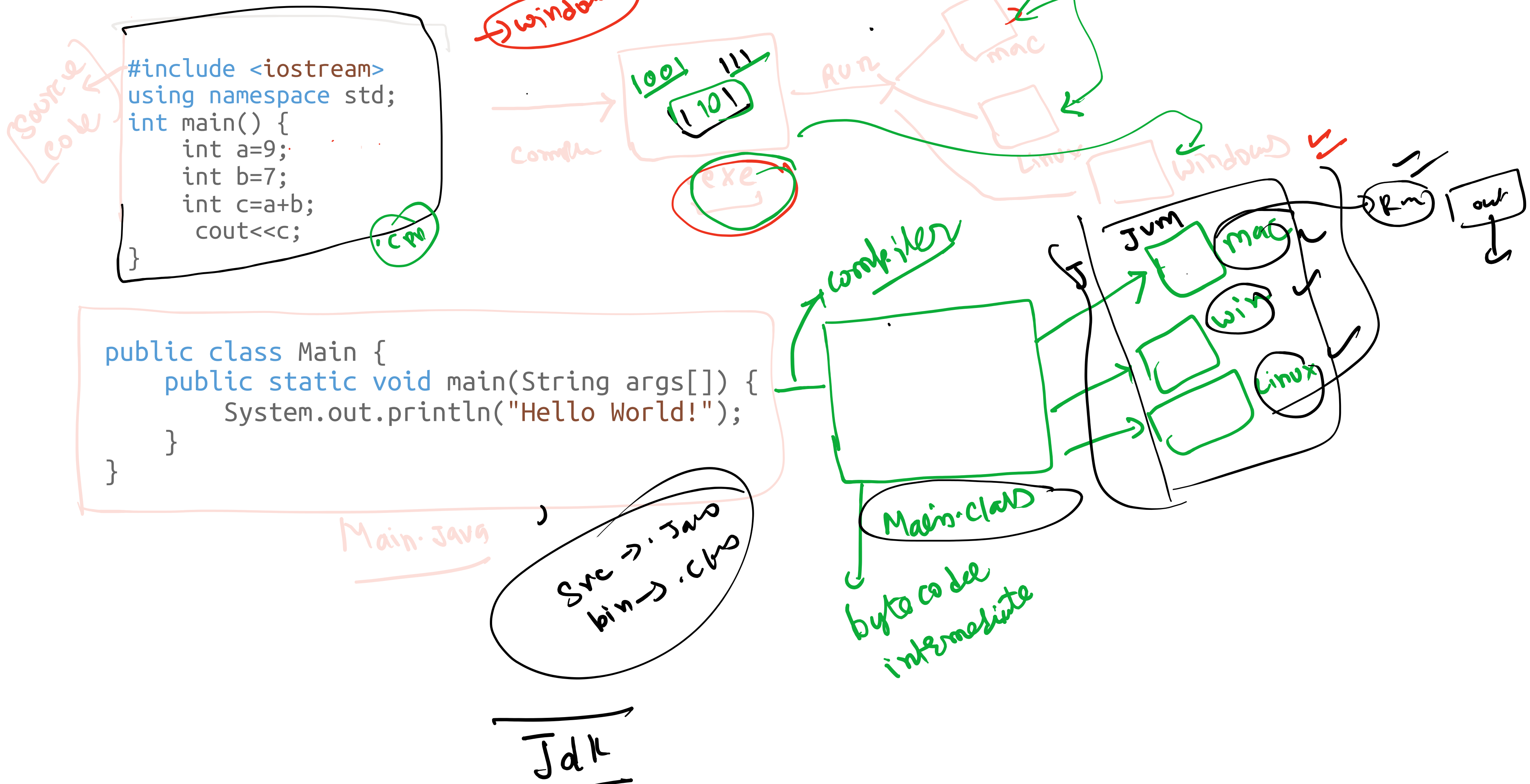


Java → ?

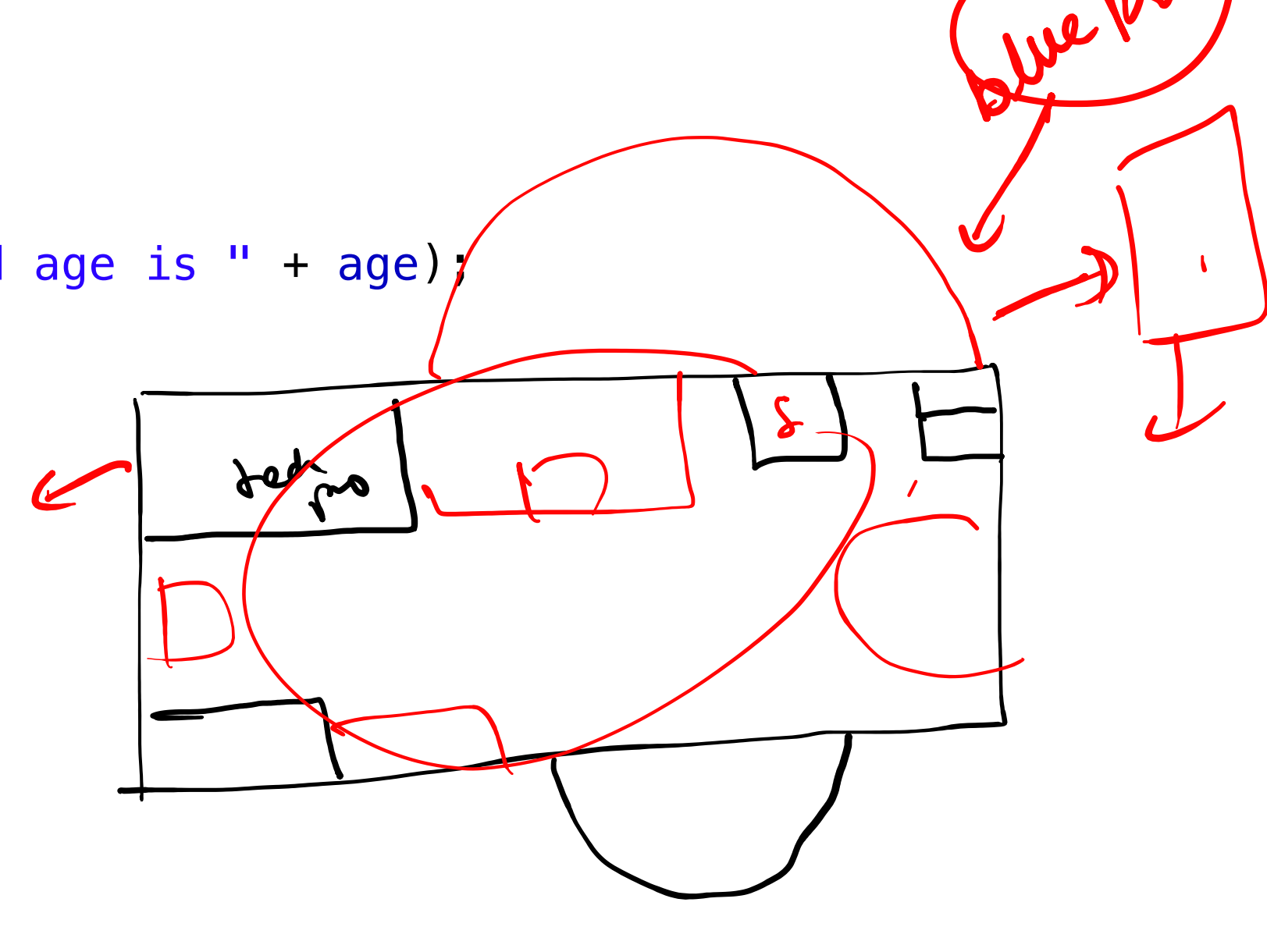


①

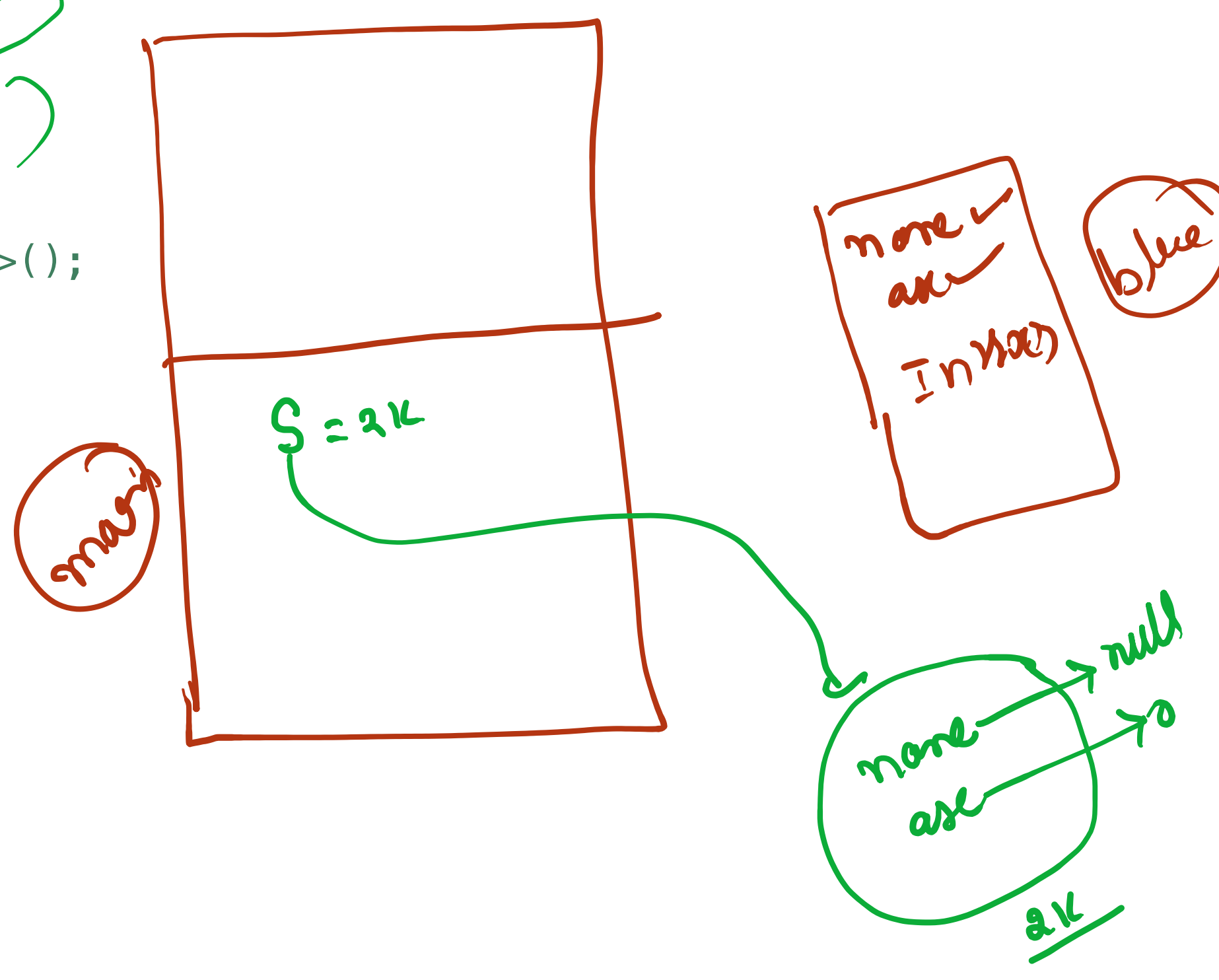
```
public class Student {
    String name;
    int age;
    public void Intro_yourSelf() {
        System.out.println("My Name is " + name + " and age is " + age);
    }
}
```

blue

S

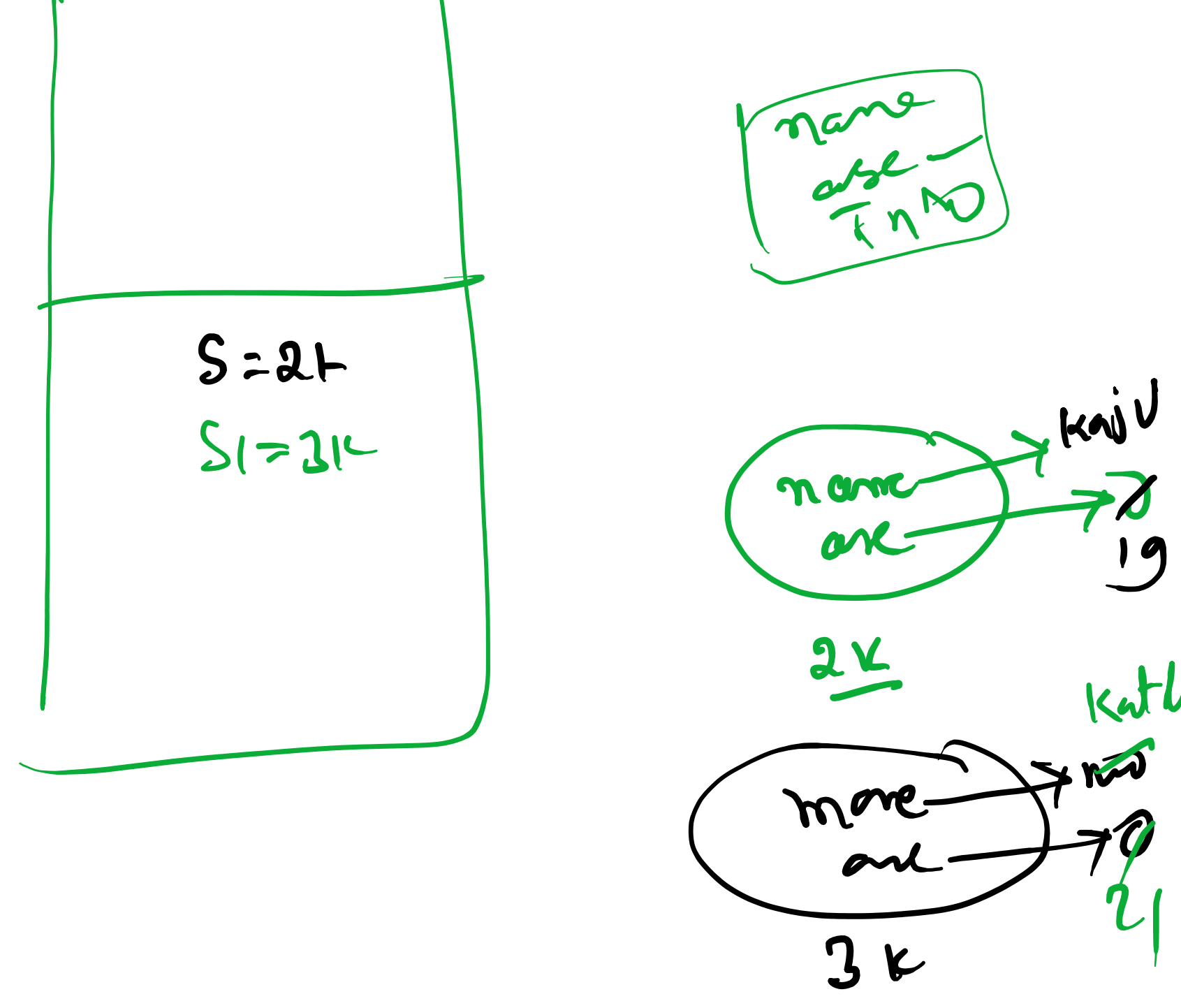


```
public class StudentClient {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        ArrayList<Integer> ll = new ArrayList<>();
        Student s = new Student();
    }
}
```



```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    ArrayList<Integer> ll = new ArrayList<>();
    Student s = new Student();
    s.name = "Kaju";
    s.age = 19;
    Student s1 = new Student();
    s1.name = "Katli";
    s1.age = 21;
}
```

obj/instance



```
public class Student {
    String name;
    int age;
    public void Intro_yourSelf() {
        System.out.println("My Name is " + name + " and age is " + age);
    }
    public static void main(String[] args) {
        Student s = new Student();
        System.out.println(s.name);
        System.out.println(s.age);
        s.name = "Kaju";
        s.age = 19;
        s.Intro_yourSelf();
        Student s1 = new Student();
        s1.name = "Katli";
        s1.age = 21;
        System.out.println(s.name);
        System.out.println(s.age);
        s1.Intro_yourSelf();
    }
}
```

S1.cometo(S2)

S1.com(S2)

this name

name

age

Intro_yourSelf

2k

name

age

Intro_yourSelf

2k

```
public static void MentorName(Student s) {
    // static area me non static wala part access nhi hoga
    Intro_yourSelf(); error
    System.out.println("Monu Bhaiya" + s.name);
}
```

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    ArrayList<Integer> ll = new ArrayList<>();
    ArrayList<Integer> ll1 = new ArrayList<>();
    Student s = new Student();
    System.out.println(s.name);
    System.out.println(s.age);
    s.name = "Kaju";
    s.age = 19;
    s.Intro_yourSelf();
    Student s1 = new Student();
    s1.name = "Katli";
    s1.age = 21;
    System.out.println(s.name);
    System.out.println(s.age);
    s1.Intro_yourSelf();
    s.SayHey("Gautam");
    // Randomized_quick_Sort.Partition(null, 0, 0);
    Student.MentorName(s);
}
```

```
public class Person {
    String name = "Kaju";
    int age = 91;
}
```

```
public class PersonClient {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Person p = new Person();
    }
}
```

```
public class Person {
    String name = "Kaju";
    int age = 91;
    public Person() {
        // TODO Auto-generated constructor stub
    }
    public Person(String name, int age) {
        this.name = name;
        this.age = age;
    }
}
```

```
public class PersonClient {
    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Person p = new Person("Karnika", 21);
        p.name = "Karnika";
        p.age = 22;
    }
}
```

① memory allocate

② parsing

③ constructor