

Variables → instance / static / ref. / local

Methods → parameteric / Non-param-

Static

- non-Static

OOPS

userdefined

Builtins

① Constructor?

```
public ConstBasics() {  
}
```

} → const

```
public void ConstBasics() {  
}
```

} Method

↓  
having no return type  
or  
return type

`{ ConstBasics cb = new ConstBasics();`

↑ Keyword  
↓ CN  
creating an object of class  
constructor calling

new → M/m allocation → Heap M/m

instance/object/Non-static → M/m allocation is  
done by constructor

10 Forms

← Web App -

DB

Form

Name

LName -

DOB -

Gender -

Marks -

④

HostName

Username

Password

DBName


→ Tables

Submit

Web-App- index.html

Welcome To

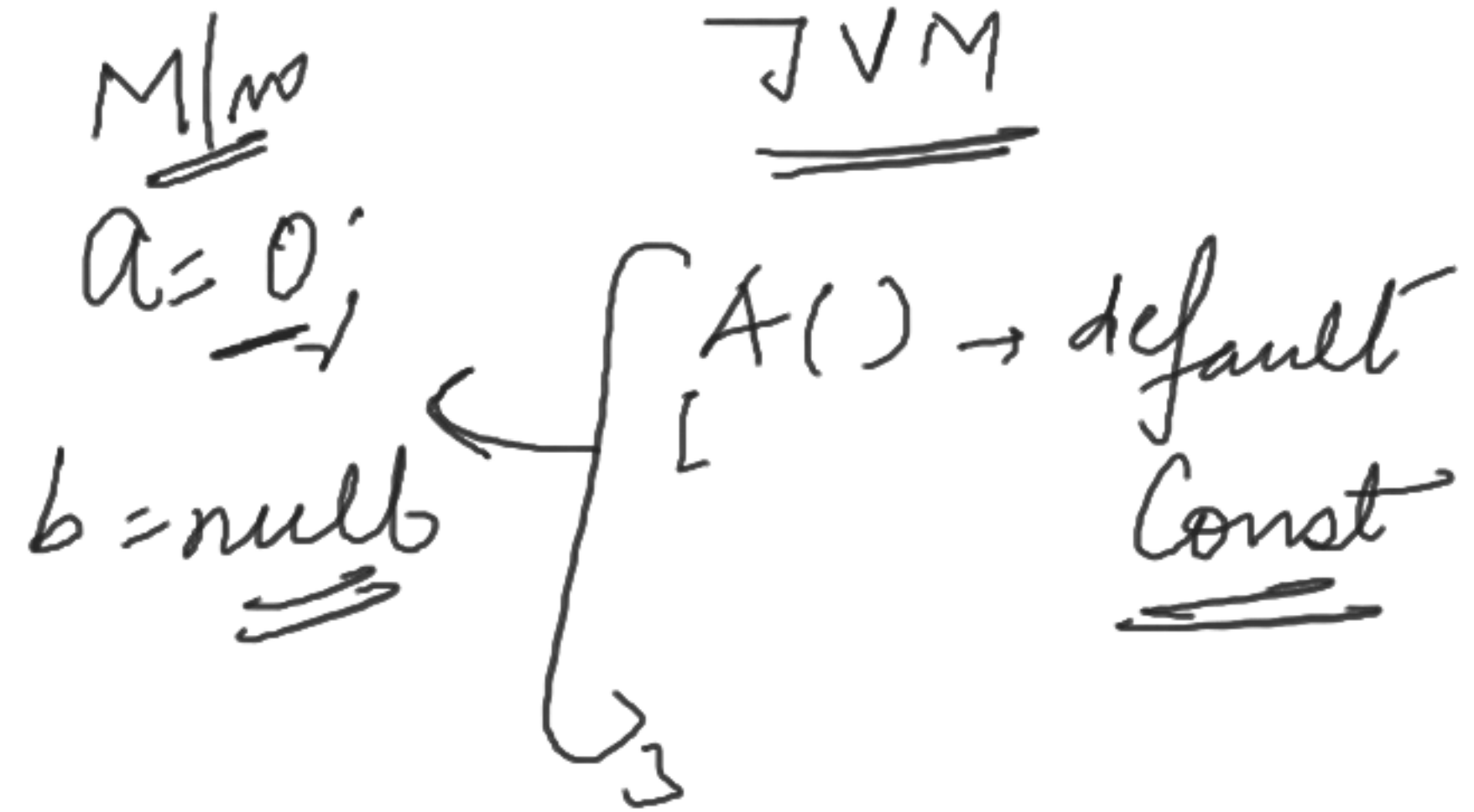
App

Class A {

int a;  
String b;

}  
}

A a = new A();





# Const Overloading :- with diff. no. of params  
→ diff. type of parameters.

```
class A {  
    public A () {  
        }  
}
```

```
    public A (int a) {  
        }  
}
```

```
}
```

```
public A (int b, int c) {  
    }  
}
```

```
    }  
    public A (String a) {  
        }  
}
```

```
}
```

this keyword :- this keyword refers to the object of current class

Class A {

↑  
this

}

Class B {

↑  
this

}

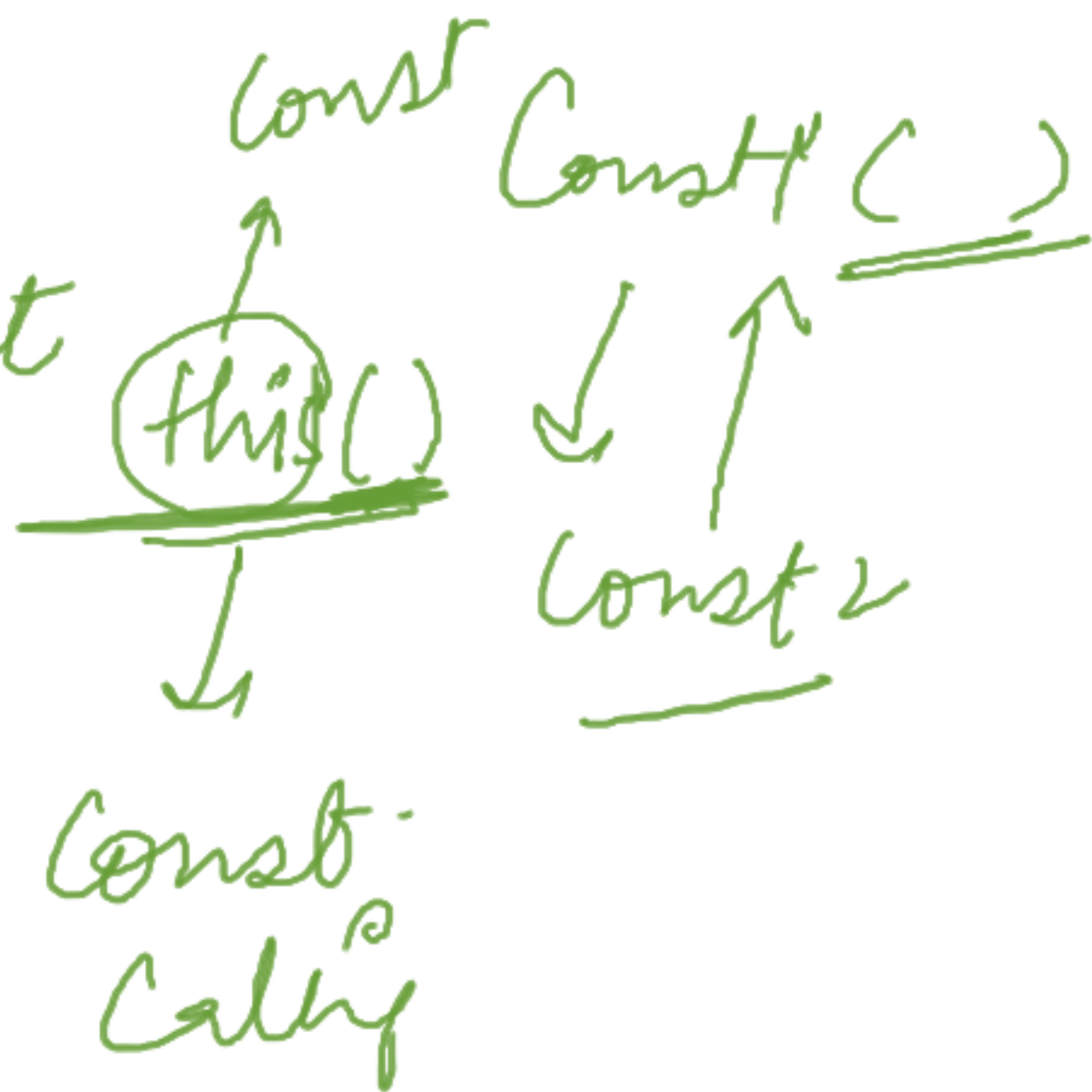


this → object

const. → class object



ClassName



\* this  
↓

Variables

inst & local

this()  
↓

const.

\* Can we use/call this() within static / N.S. Methods?  
— NO

\* How we can call const. within Method?  
→ We can create an object of class →