Last Session

-> JIT
-> Package
-> Import

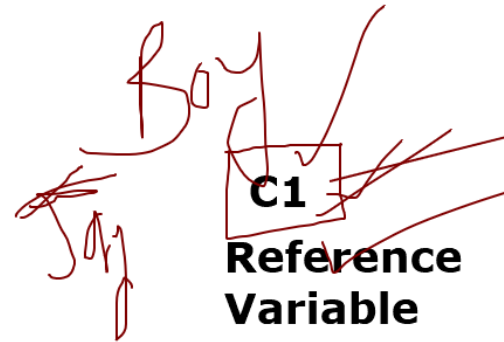# Todays Session

-> new keyword in JAVA
-> Object creation in JAVA

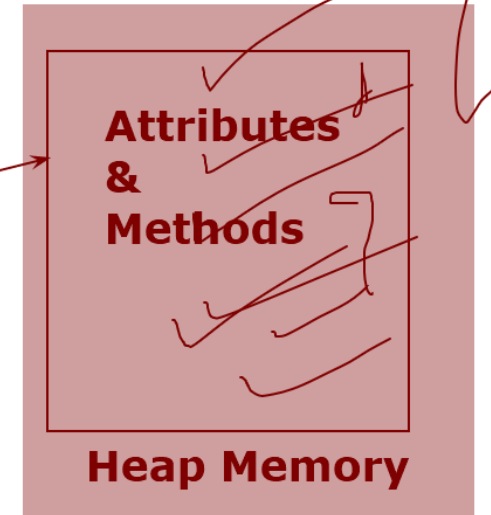**Calculator c1 = new Calculator();**

key word

Are the reserved words by language with specific meaning

Boy

C1
Reference
Variable

Stack Memory

Attributes
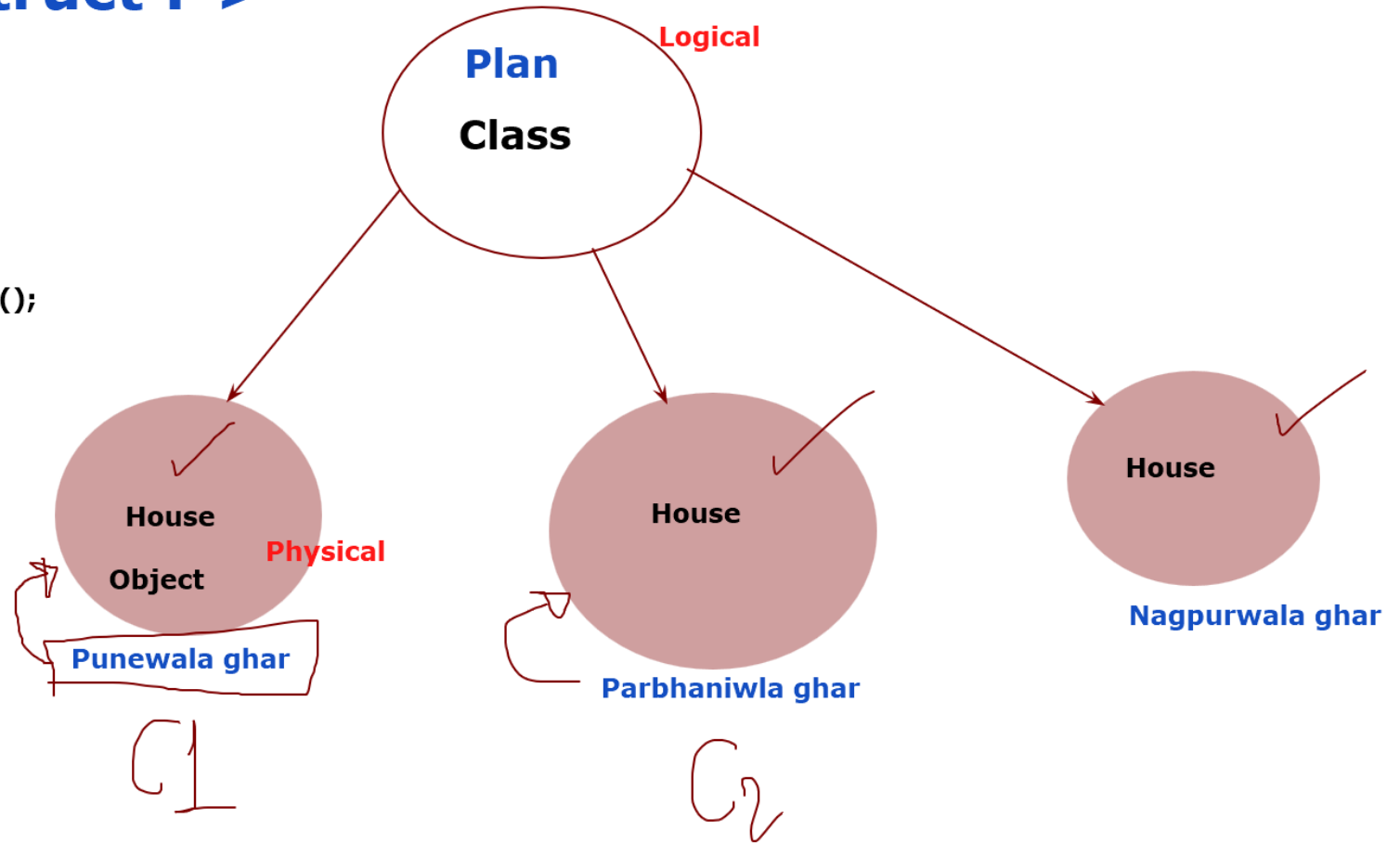&
Methods

Heap Memory

New :->

-> It is keyword in JAVA
-> It is used to create heap memory

House construct :->

Architecture -> Design
Material
Land -> 2000sqft
labour

Calculator c1 = new Calculator();

Ref

Plan **Logical**

Class

House **Physical**

Object

Punewala ghar

C1

House

Parbhaniwla ghar

C2

House

Nagpurwala ghar

Q. What is class ?

-> It is collection of Variables and methods.
-> It is one Logical entity.
-> It does not require memory for execution.
-> It is blueprint to create object

Q. What is Object ?

-> It is physical entity
-> It requires memory for execution
-> It is an Instance(Object) of a class.

Q. What is reference Variable ?

-> It is one variable which is pointing to object (Heap memory).
-> It used to access variables and functinality of the object.

Interview Questions

1. What is new keyword in JAVA ?

2. What is Heap memory ?

3. What is class ?

4. What is Object ?

5. What is Reference Variable ?