OOPs: Object oriented programming

4 types:

* **Inheritance**
* **Encapsulation**
* **Polymorphism**
* **Abstraction**
* Association/aggregation/composition

Inheritance:

* If child class acquiring parents class properties. 🡺 If sub class acquiring super class properties.
* IS-A relationship
* Code reusability’s
* 5 types

1. Single Inheritance
2. Multi-level inheritance
3. Multiple inheritance 🡺 not supports in java through class
4. Hybrid inheritance 🡺 not supports in java through class
5. Hierarchal inheritance

* “**extends**” keyword is used here.

Diagram

Description automatically generated

Class Addition {

Add method

}

Class Subtraction extends Addition {

}