

```
# Hirerachy
                                          Class Date {
     - Has-a -> Association
                                          day
     - is-a -> Inheritance
                                                                        class Employee{
                                          month
                                                                        id;
                                          year
                                                                        name
                                                                        dob
                                          }
                                                                        doj
                                          class Person{
                                          name
                                          dob
                                                                       Employee is-a Person
                                         Person has-a Date of Birth
                                                                       Employee has-a Date of Joining
# Association (has-a)
     - It is represented by has-a relation ship between two entities
     - Composition
         - Tight coupling
                                                                                   Employee {
     - Aggegration
         - Loose Coupling
                                                                                   Date doj // composition
                                                                                   car // aggegration
          Employee has -a DateofJoining(Date)
          Dependent --> Dependency
           Employee e
                                                 doj
           empid
                       name
                                    salary
                                                      day
                                                               month
                                                                         year
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Employee	e1
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Employee							
empid	name	salary	doj				*car
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