## Hirerachy

- has-a (Association)
  - Dependency class
  - Dependent class
- is-a (Inheritance)
  - Parent (Super)
  - Child (Sub)

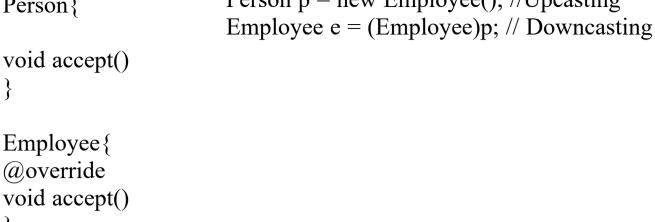
Employee has-a Doj Employee has-a Car

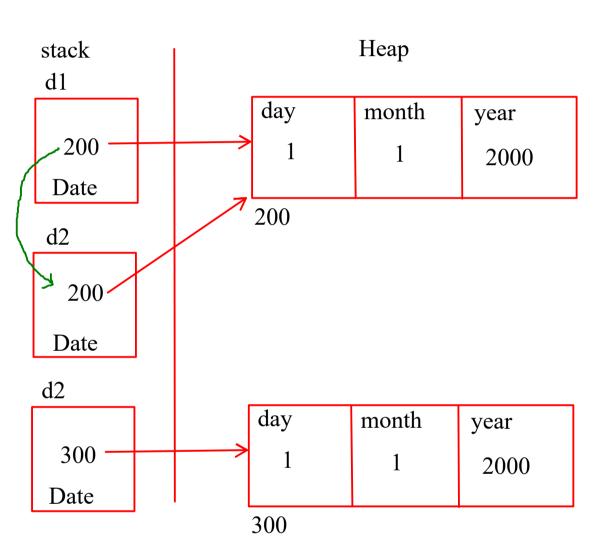
Person{

Person p = new Employee(); //Upcasting

void accept()

Employee { @override





Date d2 = d1;

Date d2 = new Date(1,1,2000);

## #abstract

- It is a keyword in java.
- It is an modifier that can be used for the methods and the class

## # abstract method

- If the implementation of the method is 100% incomplete then such methods should be declared as abstract
- abstract methods can be declared only inside abstract classes.

## # abstract class

- A class that consists of abstract methods is called as abstract class
- we have to use the abstract keyword before the class to declare it as abstract.
- these classes can have abstract as well as non abstract methods.
- we cannot create object of the abstract class, only we can create the reference.

