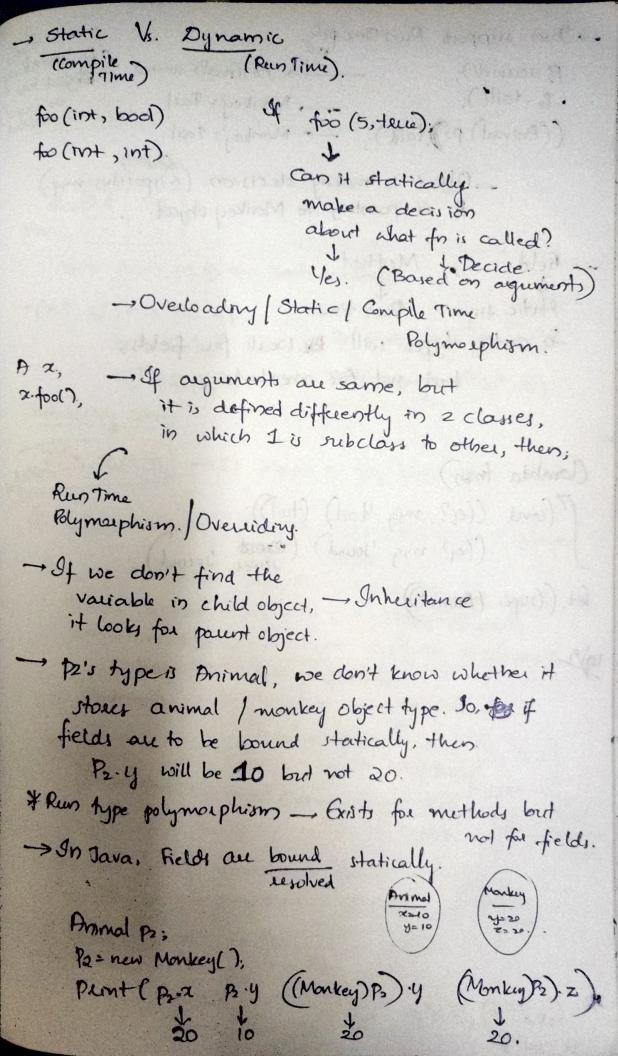
Java's Object Model. fod) { → Just Reserves space (in stack). for A type variable 3 Heap during compilation. a= new A(); -> Gristanctar. Object allocation. - Values of fields are stored in heap. What points X points to that location. - Every non-permitive variable is a pointer. toles. int a -> Demitte - Def" of methods doesn't change at untime. So, the code can be Stored at some memory Ode of tail Signer! Wable. ede of sound. Animal. If Objects were allowed to change code at cuntime, then, this storing ode is weless. -> As fields values will be diff for each object. HERRY * fields are extended to child class. 8- VTable Monkey 3 * Animal W= newA(). new M(). - He get evol. Monkey w = new A(); - Not allowed.



- Java supports Run Time poly. Animal's sound (As monkey) Besound(), · 1/2 - tail(); no sound) --- Monkey's Tarl ((Animal) p2) tail(); - Monkey's Tail - Object is making decision. (Dispatches myg.).
By is pointing to Monkey object. - field, Method Static time Run time. to, casting types will the work for fields, but not for methods. (lambda (msg) ((eq? mg 'sound) (tail)

((eq? mg 'sound) (super 'sound).

let (Guper (Animal))