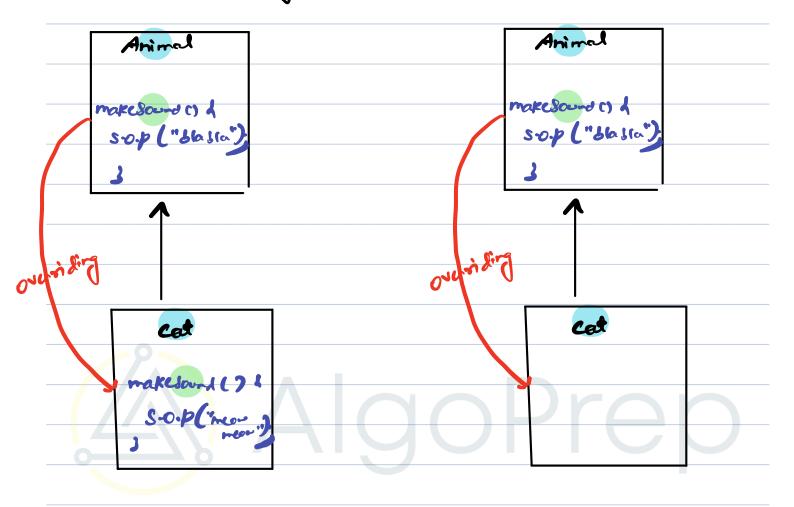


| Todow's mary |
|---|
| Loveroiding by Interfoces by Asstruct classes by Static |
| Loveroiding |
| b Interfoces |
| h Abstract classes |
| la Static |
| |
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| MANDON |
| TAIL AIGHT CO |
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overwork perfore I change



* method oversiding



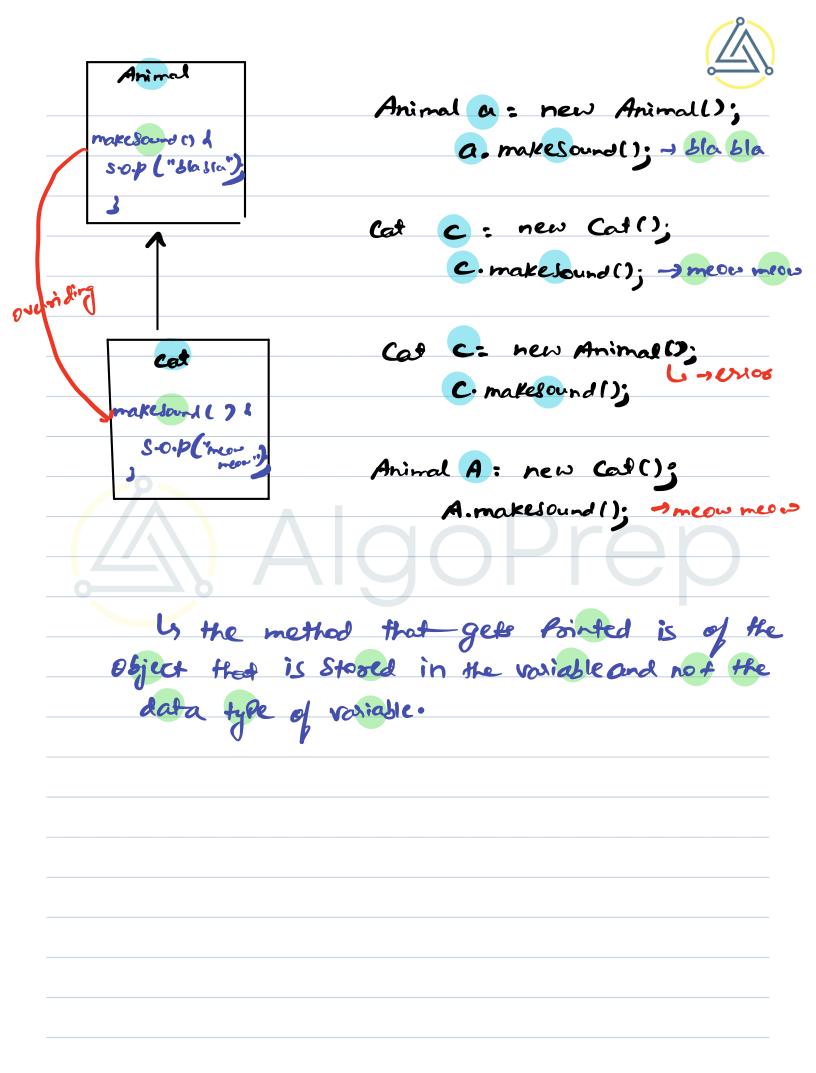
Cat obje : new Cat (); Cat Obje : new Cat();
Obje : makelound();
Obje : new Cat ();
Obje

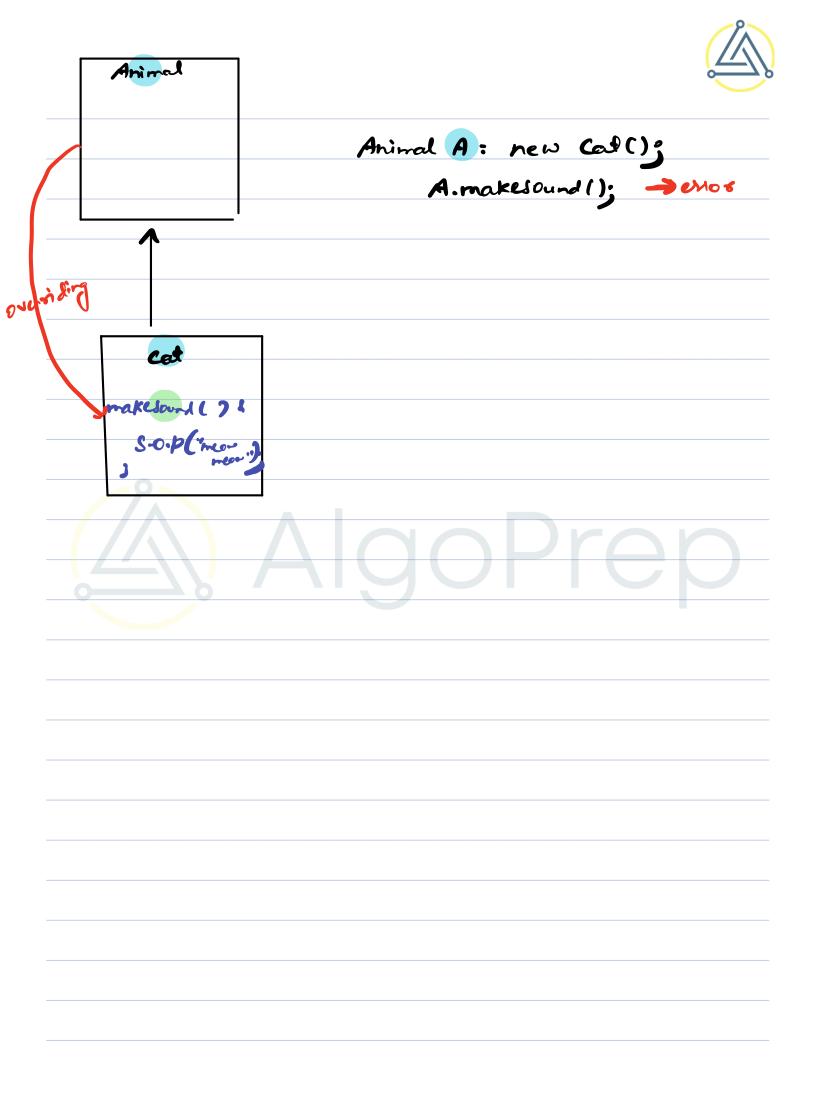
Oversiding;

4 A method with some signature and some return type is Present in Parent class as well as child class then method of child class overrides the method of Parent class.



| Animal | Animal | Animal |
|-------------------------|---------------------|---|
| makeSound () 4 | int make sound () d | makesourd () 4 |
| 50p ("blassa") | sop ("blassa") | sop ("blasta") |
| 3 | 3 | 3 |
| ^ | ^ | ^ |
| | , Bright | J. A. A. C. |
| 34 | | |
| Cet | Cot | Cest |
| makesound live og 4 | makesound () 4 | makesours () 4 |
| S-o-p(men) | S-0-p(mo-) | S-o-p(mor |
| 3 | 1 | 7 |
| homethod oversiding XX | bonos | hmethod over |
| by method overloading y | | VINE NOT SUES |
| | | |
| d all the men Co | 41). | |
| obj1: new Co | | |
| Obj 1. maksound (|); | |
| Objs. makesound | (10): | |







| Q. | class Af | |
|----|--------------------------------|--|
| | void Point () { | |
| | S.O.p("Hello"); | A esil= new D(); |
| | | Obje Point(); |
| | | brey |
| | | |
| | 1 | |
| | class B4 | A obje= new B(); |
| | | Obje Point (); breek |
| | | Chelo |
| |) | |
| | | B Obj3: new D(); Obj3. Pring(); Ustrey |
| | | 06,3. Pring (); |
| | J | lsney |
| | class Cf | |
| | wid Point () { | |
| | soid Pairs () { S-0-p("Hey "); | |
| | | |
| | 2 | |
| | | |
| | | |
| | class Di | |
| | | |
| | 2 | |
| | | |
| | | |





Mulfilevel inheritance.

by yes, supposed in Jova

M multiple inheritance Group Ad Grown

Class A 4

Point () 4

S-0-p ("A");

closs 8 d

| Print() d
| S.o.p("8");
| S.o.p("c");

D enteroly C, B

Dobj: new D();

]



Interfaces bluesoint of behaviour.

| | unsummerly | lun winter | • | |
|--------------|----------------|---------------|--------|-------------|
| | Fundinmen() | Jun wintest | -> Car | 't create o |
| | Junglements | | | nselface d |
| | | Casta int b | s one | class Con |
| Voi | Jundummen | (inta, int b) | | nent any no |
| , | | | | respoces. |
| 1 40 | id burstring (| (int a) l | | |
| | V 0 | | | |
| | | | | |
| √ € | id funwinte | 11) | | |
| | • | | | |
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| | Class Pais implements Comparable «Pais» |
|---------|---|
| | |
| | |
| | int compare To () 1 |
| | |
| | |
| | |
| | |
| 9 | Pair () arr; Assays.sost (ass); |
| oue: Fo | Algorien |
| mult | Interfoces, multi-level inhesitance of well tiple inhesitance is possible. |
| | |
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| | |



| stoct 4 pa | utial interface |
|------------|----------------------------------|
| abstract | class animal 4 |
| | String name; |
| | int age; |
| | void makesound() |
| | s.o.p ("Habla"); |
| | <u> </u> |
| | absord void eat(); |
| | objects and be coloted. |
| Obs | toect Class dog ertends animal 4 |
| |) |
| | |

but the child class is also going to be obstracts



| Abs class | Intellaces |
|---------------------------------------|----------------------|
| alls + nettall | methods |
| inheritance is Possible within class. | implements in class. |
| | JOPrep |
| | |
| | |



Static

Gold sather than it's objects.

Eni Math.obs (), math.mon ()

| | math 4 |
|--|---------------------------|
| Sta | tic int abs (inta) (|
| | |
| <u>, </u> | • |
| Sta | edic int man (into, intb) |
| | • |
| 2 3 | MODran |

Les Can you access non-static from static method.

b can you occess static from non-static method

1200 20, 2005; (aso);



