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Martiaph

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7907. Atur Componies Products & Chealworth

Keal world Programming Ename of statel old exname continue of summinue color 1 behaviour dance () brallo() andolati() method () Realworld)
Relation ships

class J type)

class J type)

defined as a blueprint

specific instance of that blueprint

rame = Visima perfect -> instances of the days

age = 91

gorder = M

gorder = 4

age = 95

gorder = F

Student

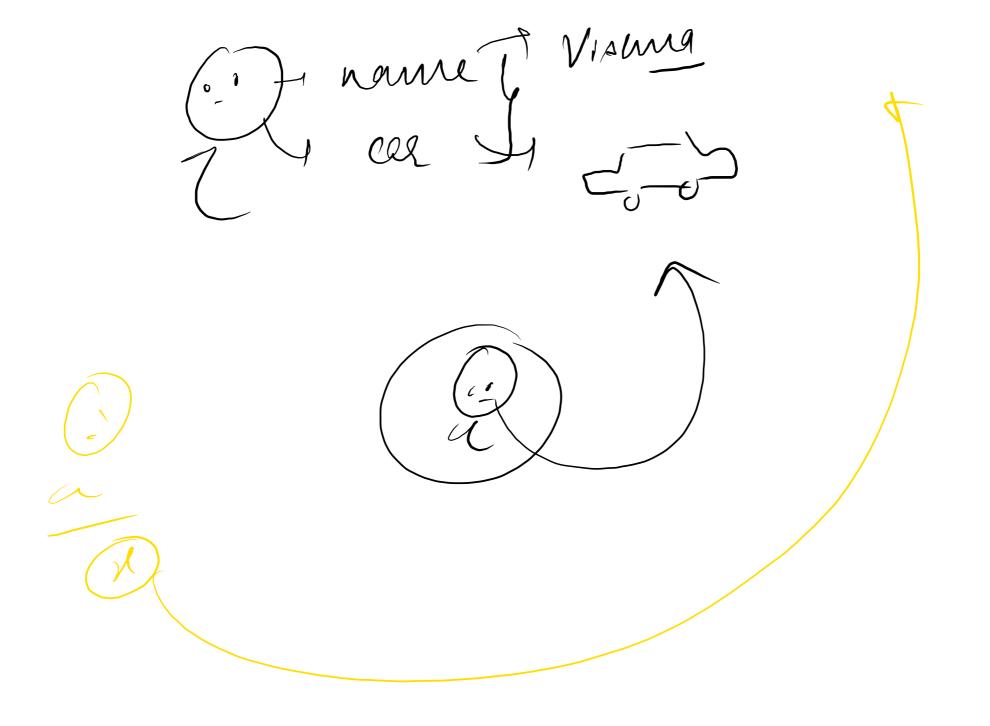
Grane

10=121 name = Hewil Object-Me = 17 interest - ividect (d = 12) name = stilcha age 223 interest formall

Clary Sheprint Clary metances

PATTIMENT

Encap meation buind the data/state of the osject with methods hide a male the state/data private



perm of other manu = (Visha) & private

All the fields/properties

They should be private

Vistra Mohan Singh! 00 (gad)

Parent Child relationship lelationsup' Hierarichal relationship in helitancé inherited Reusalility in heril ted @ His varioual/ Burtenild velation 2)1(105

C, 98A

C, 98A

C) true | q can be the cuild q Cr

I false x inheritance can't be appried

Cat ist Animal -> true & inheritance

Cat ist Michiel -> take & X______

Advantages:

O Reuse the code;

Relationships J Parent - child

O single level inhert fance 2) Multi lund juher famce

Hierarchae innerfance

Animal

Jay

Car



A B

Junitifile

Intuitifile

Intuitifile

Intuitifile

Hybrid inhertance

Animal

Day

Pot