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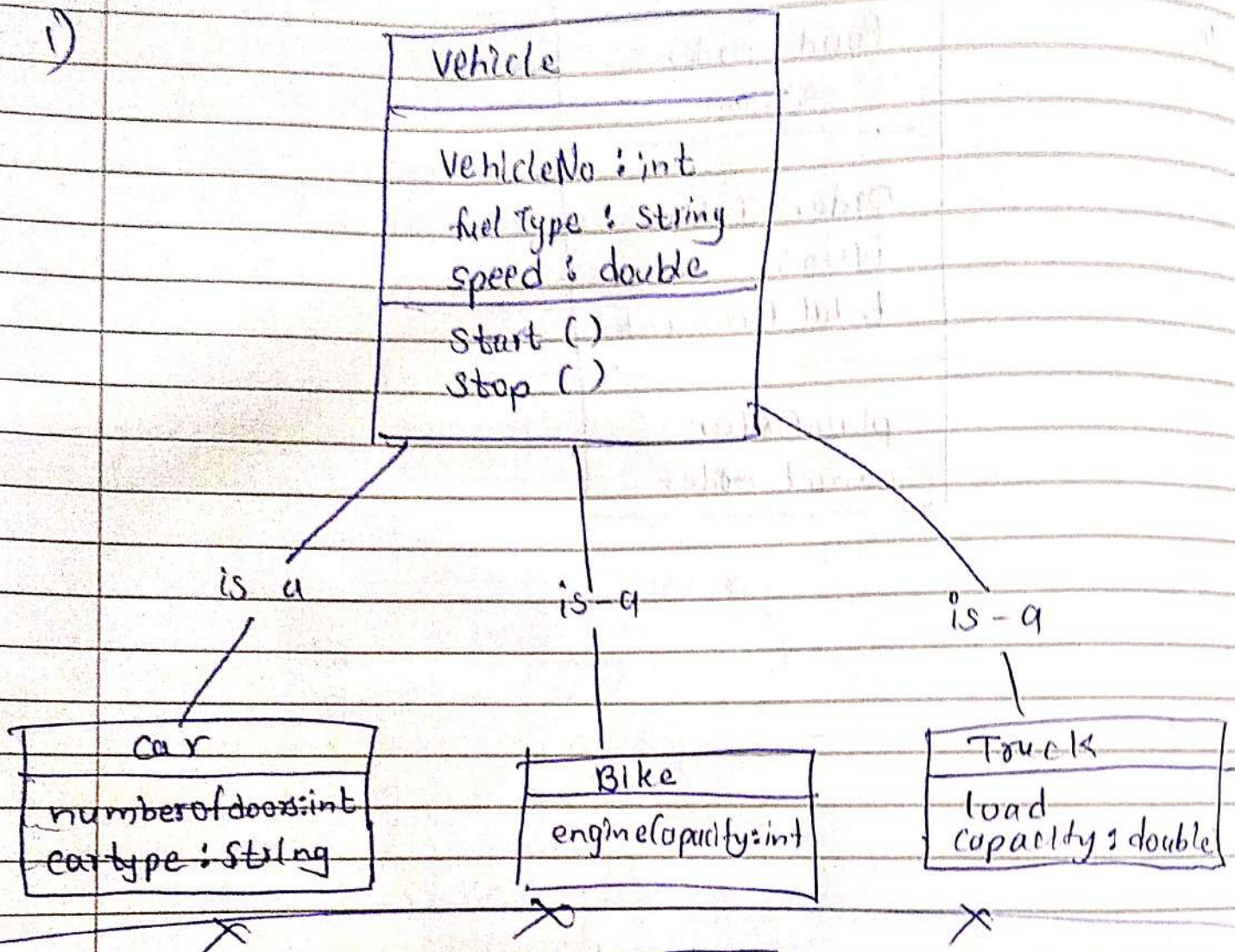
Assignment 4

1)



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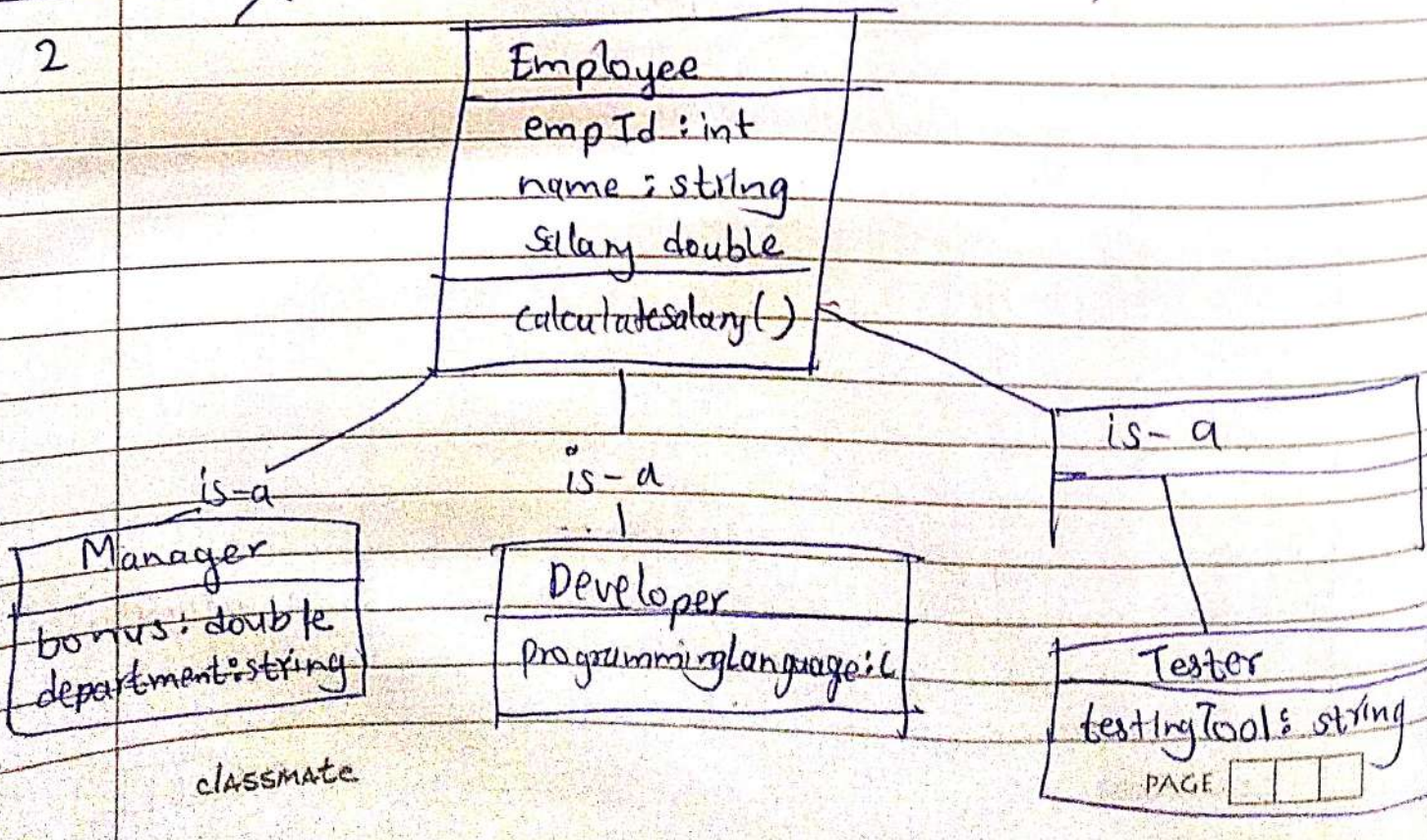

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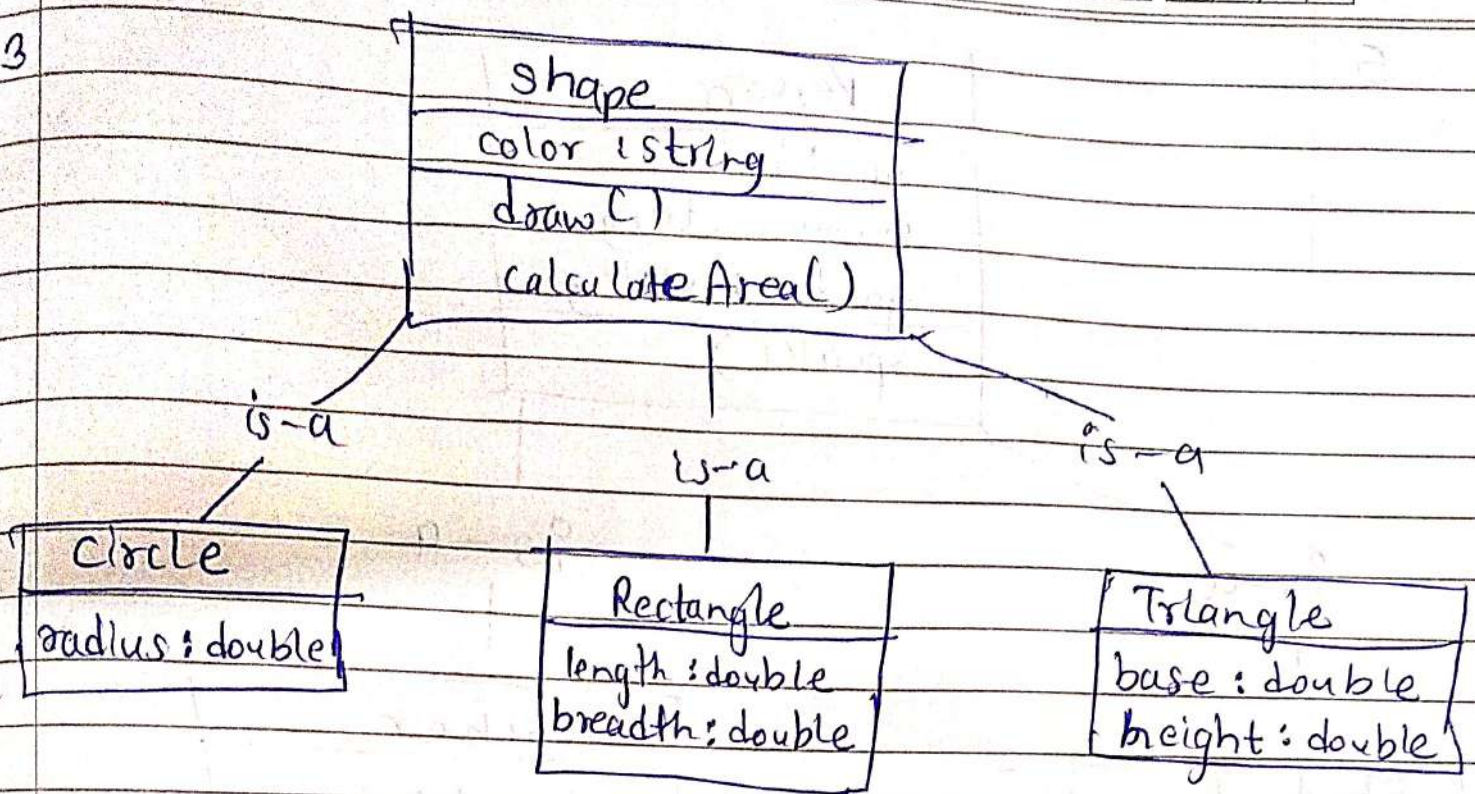

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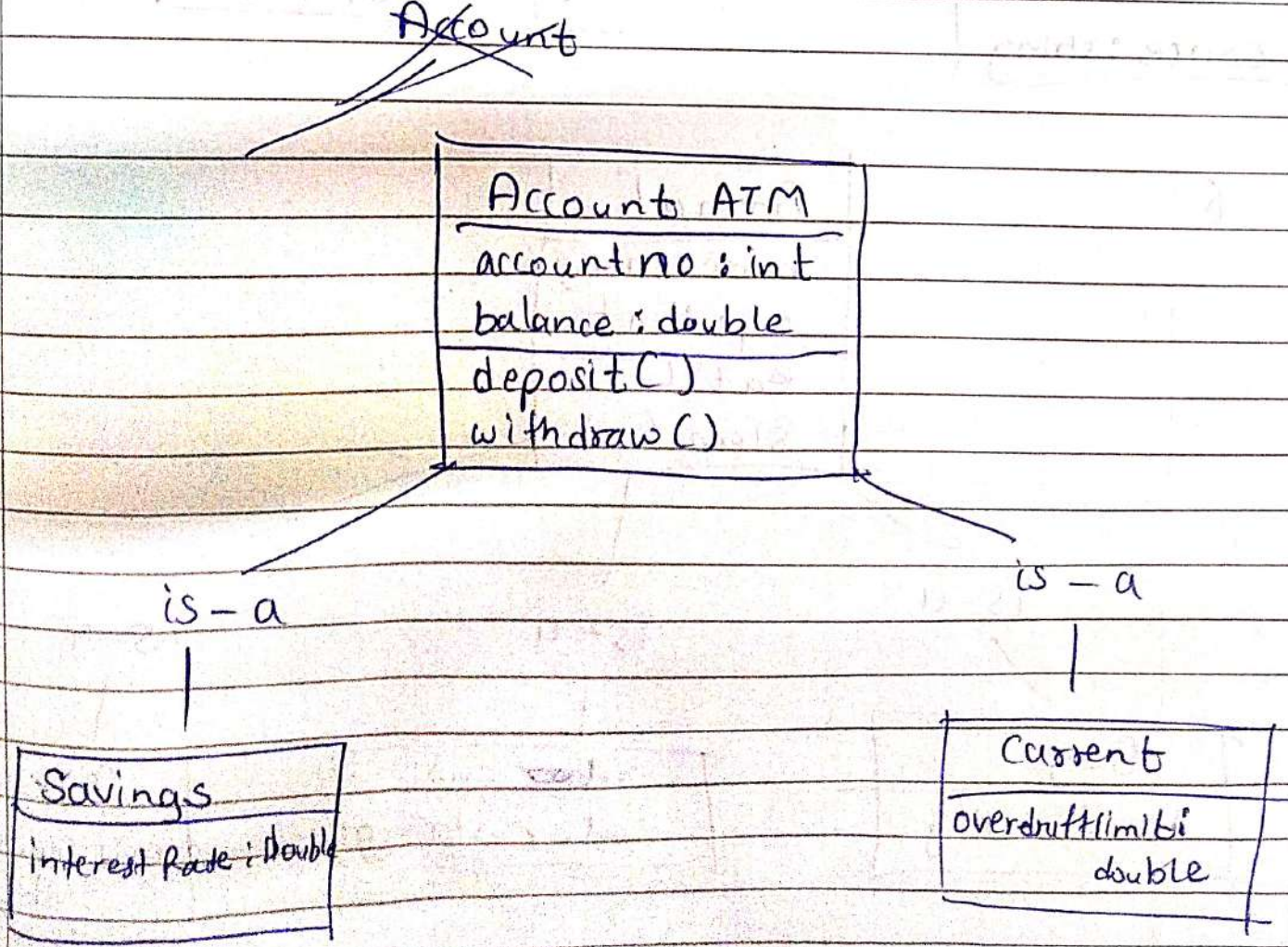

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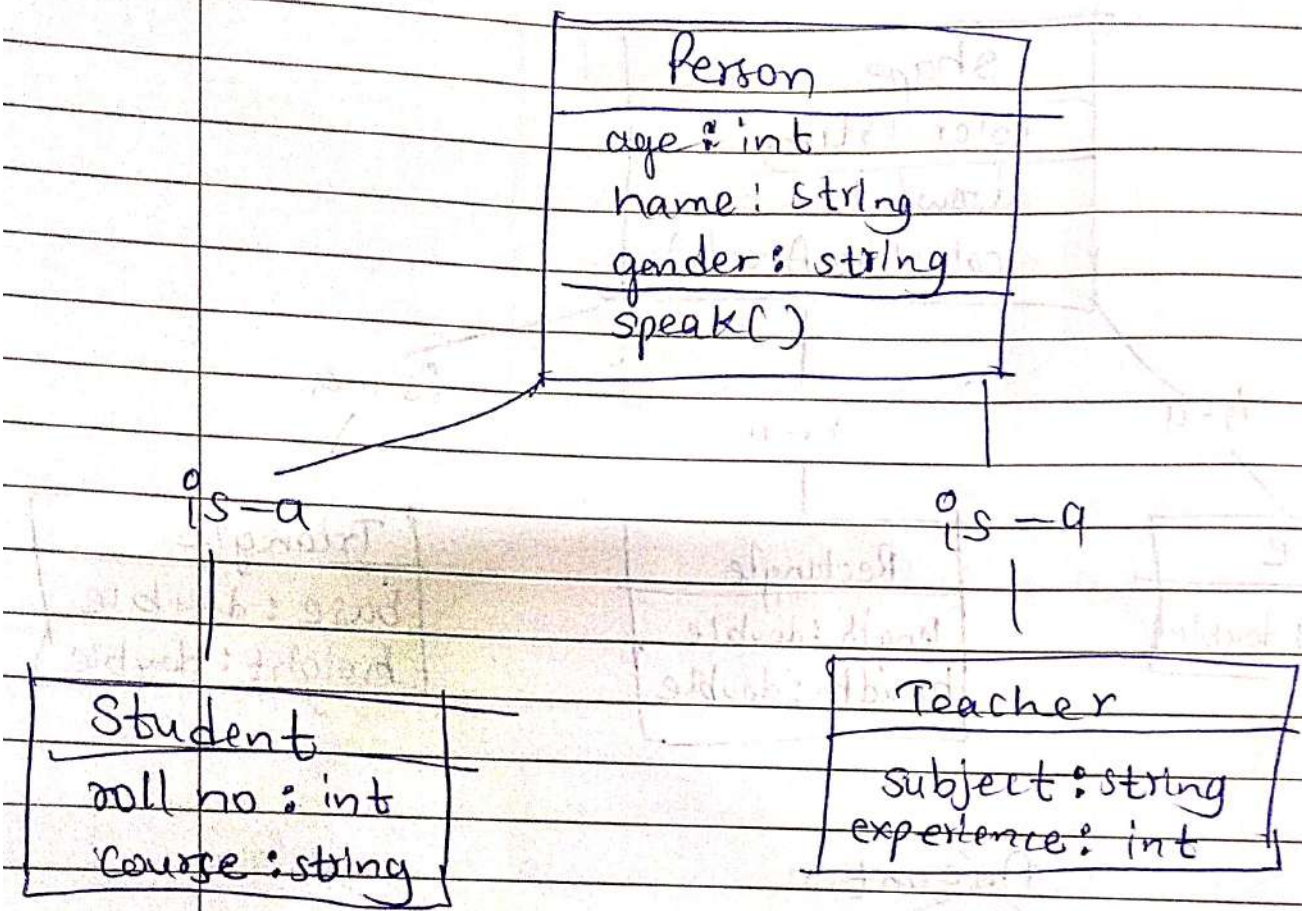
Person
age : int
name : string
gender : string
speak()
is-a
is-a
Student
roll no : int
course : string
Teacher
subject : string
experience : int

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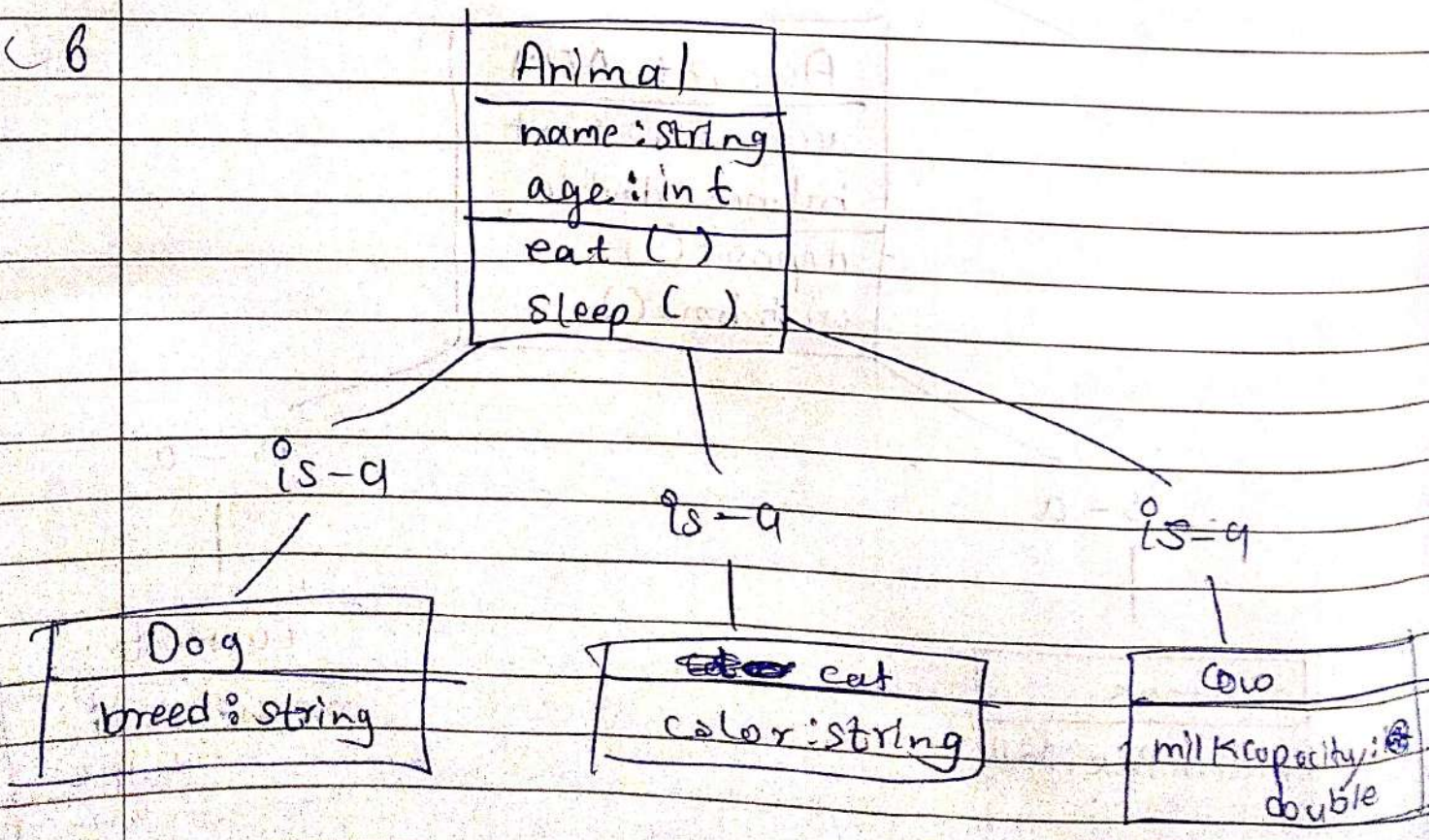
Animal
name : string
age : int
eat()
sleep()
is-a
is-a
is-a
Dog
breed : string
cat
color : string
Cow
milkCapacity : double

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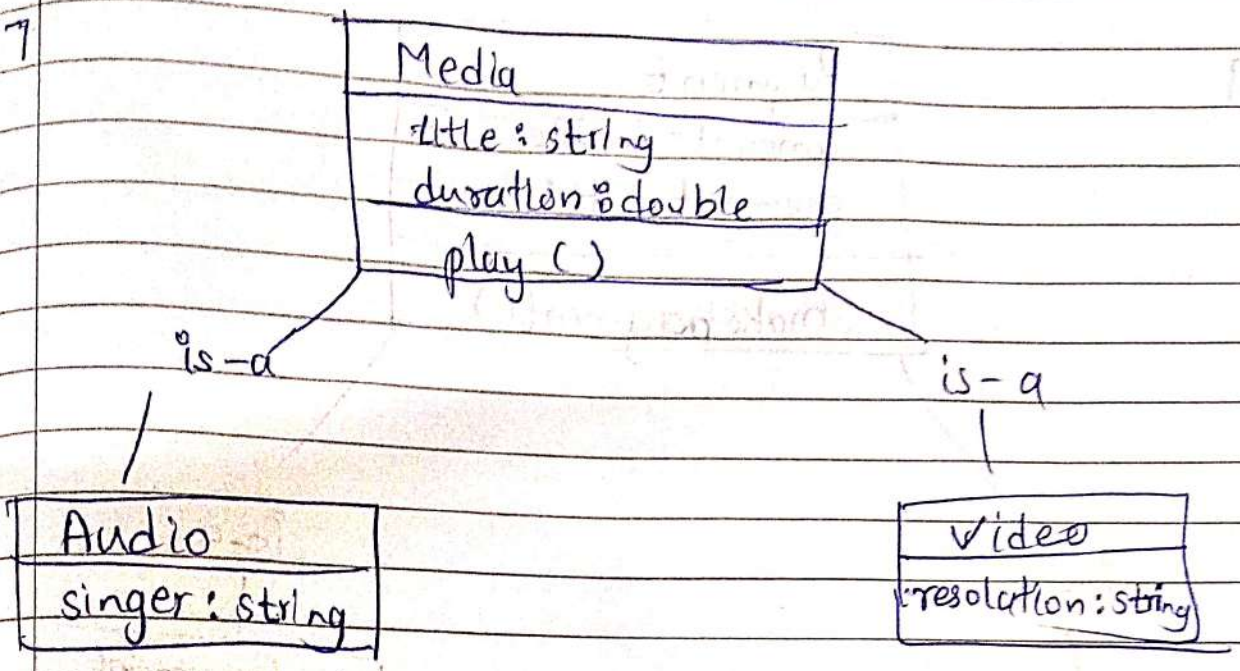
Media
title : string
duration : double
play ()
is-a
is-a
Audio
singer : string
Video
resolution : string

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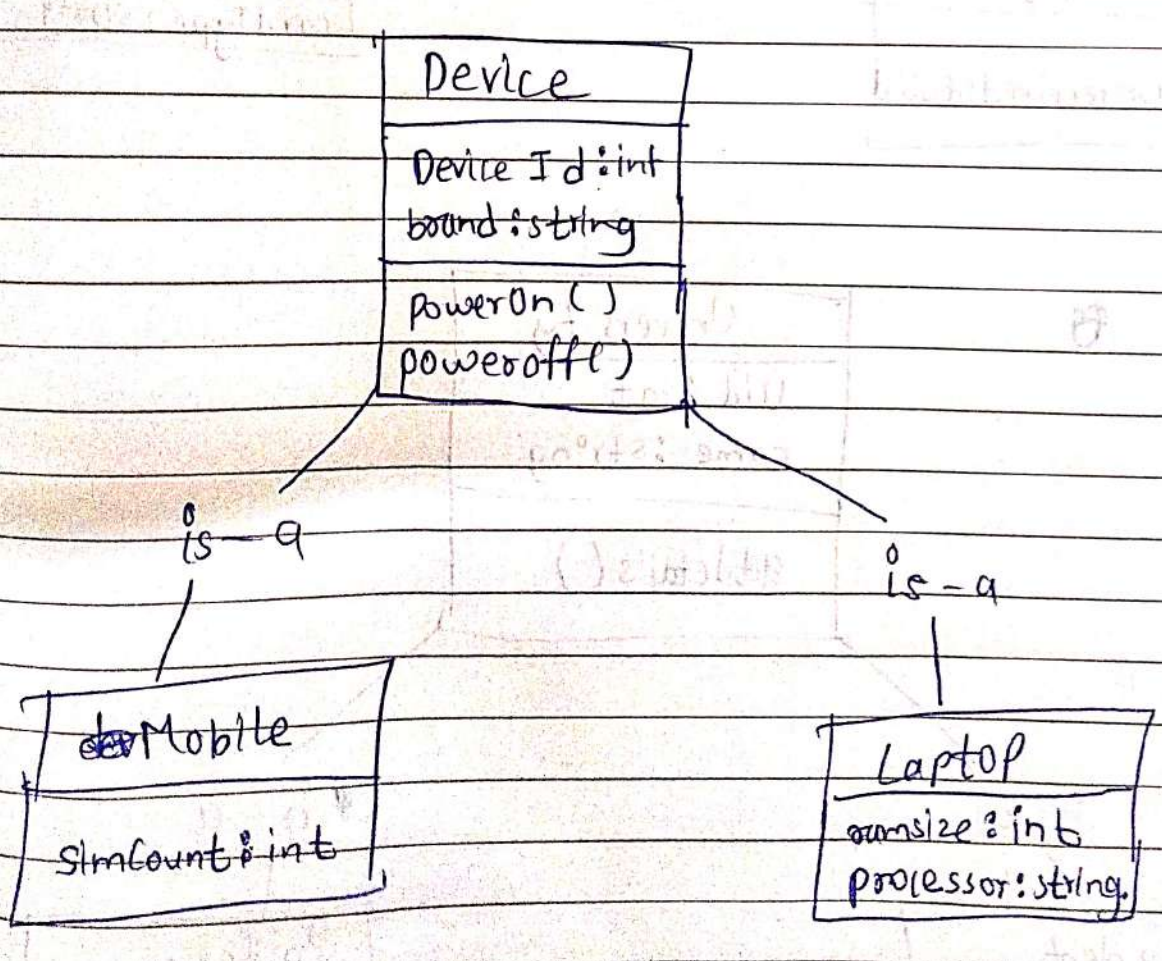
Device
Device Id : int
brand : string
powerOn ()
poweroff ()
is-a
is-a
Mobile
simCount : int
Laptop
ramsize : int
processor : string

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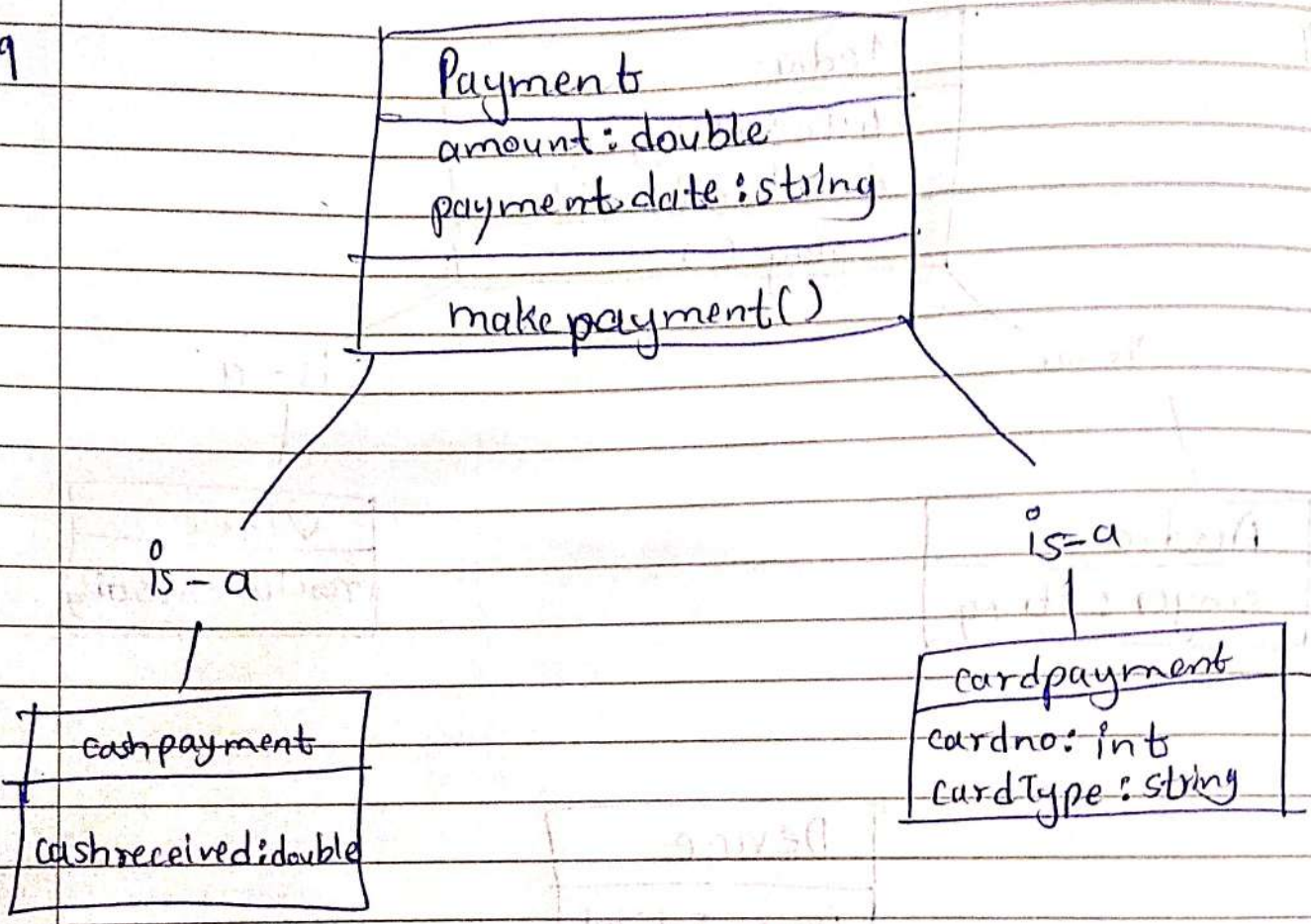

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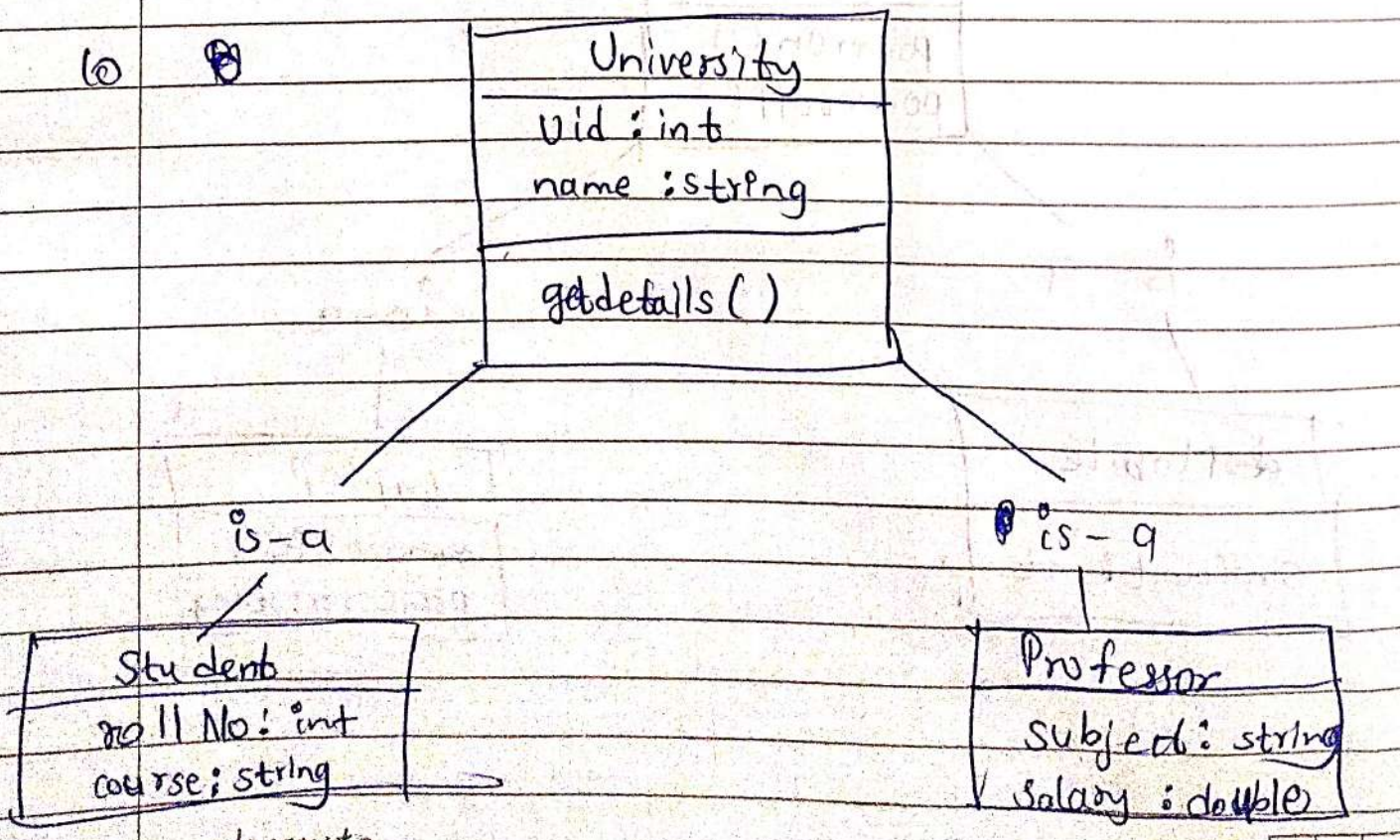

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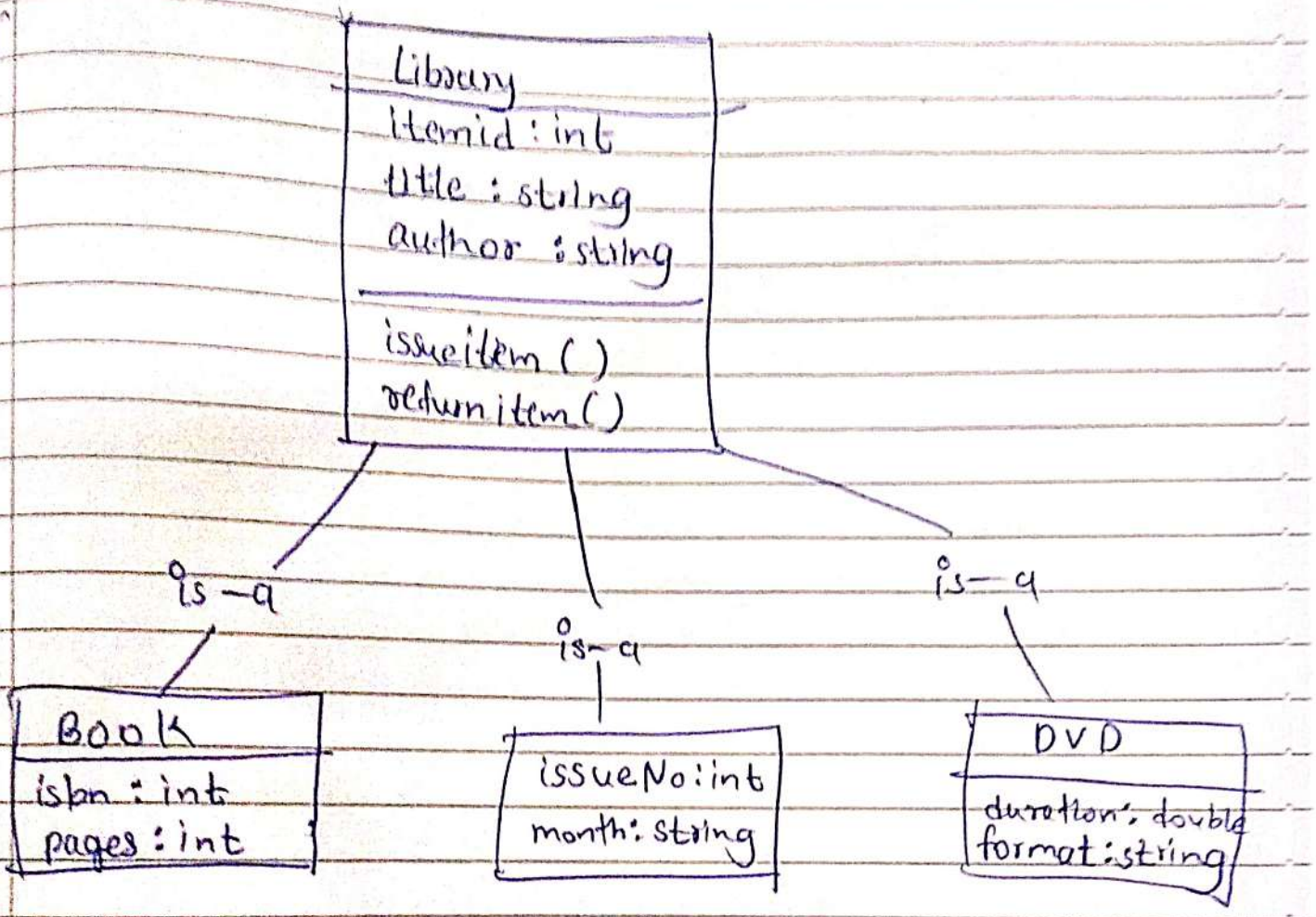

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