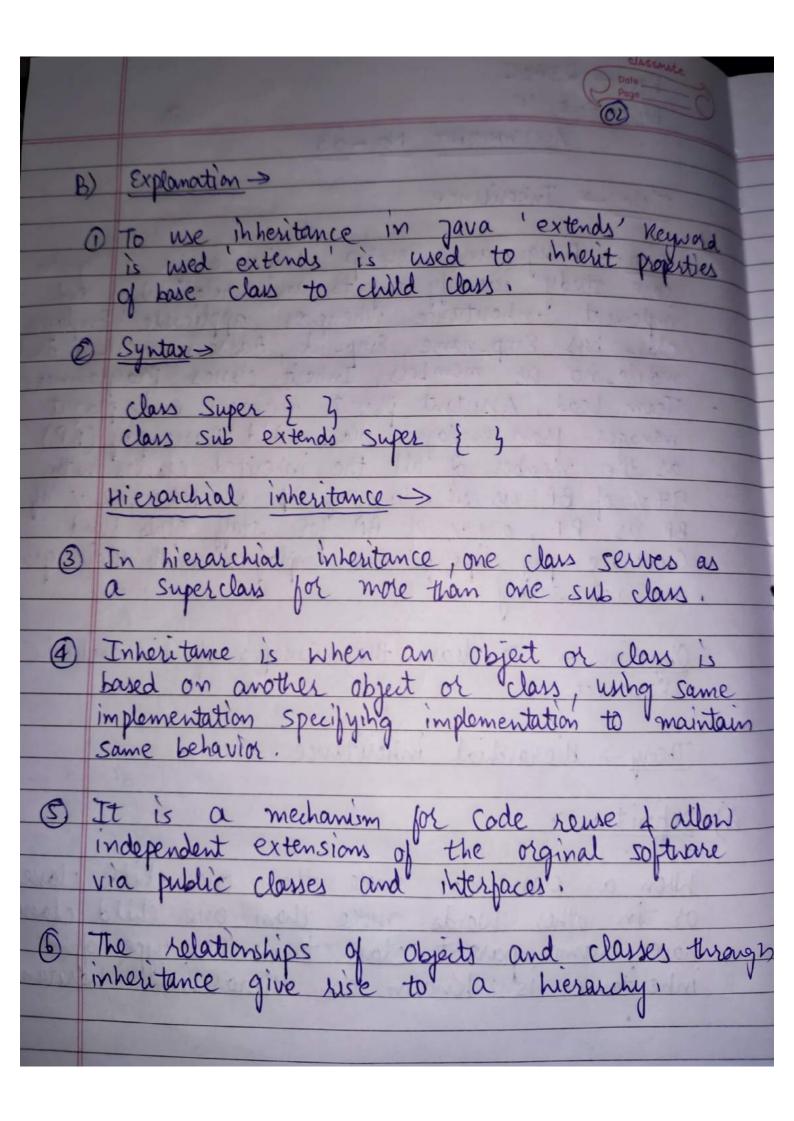
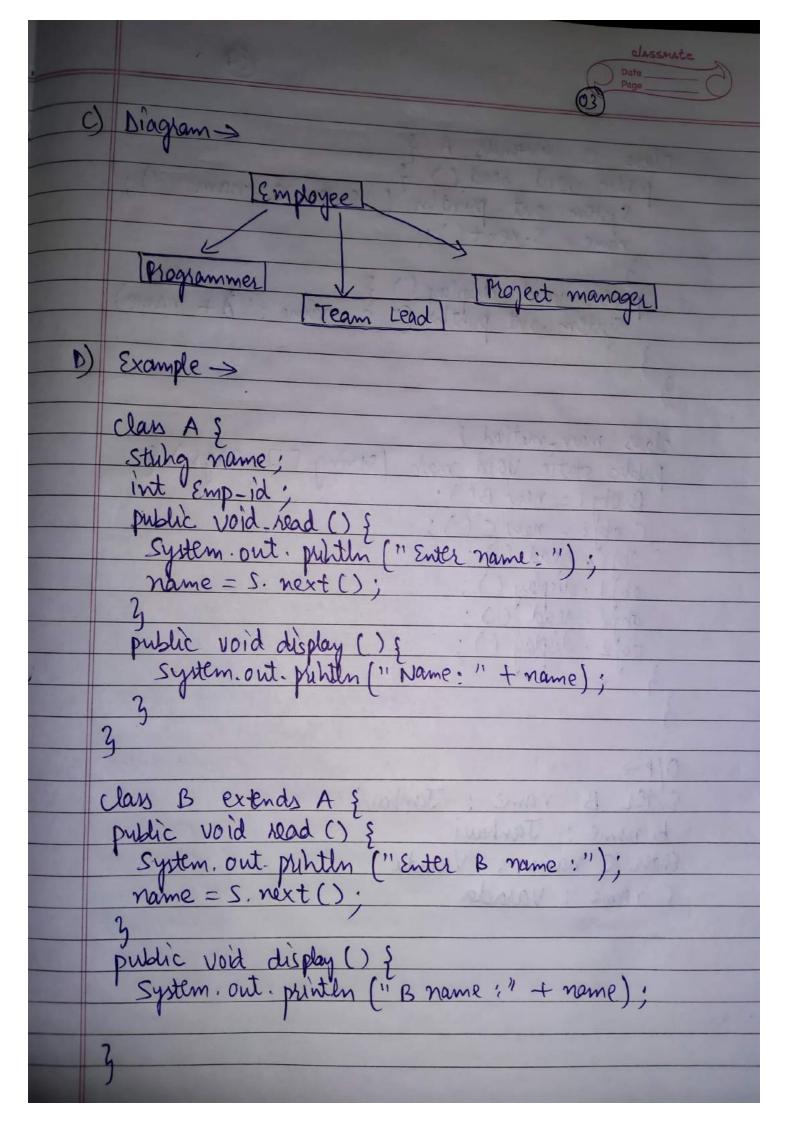
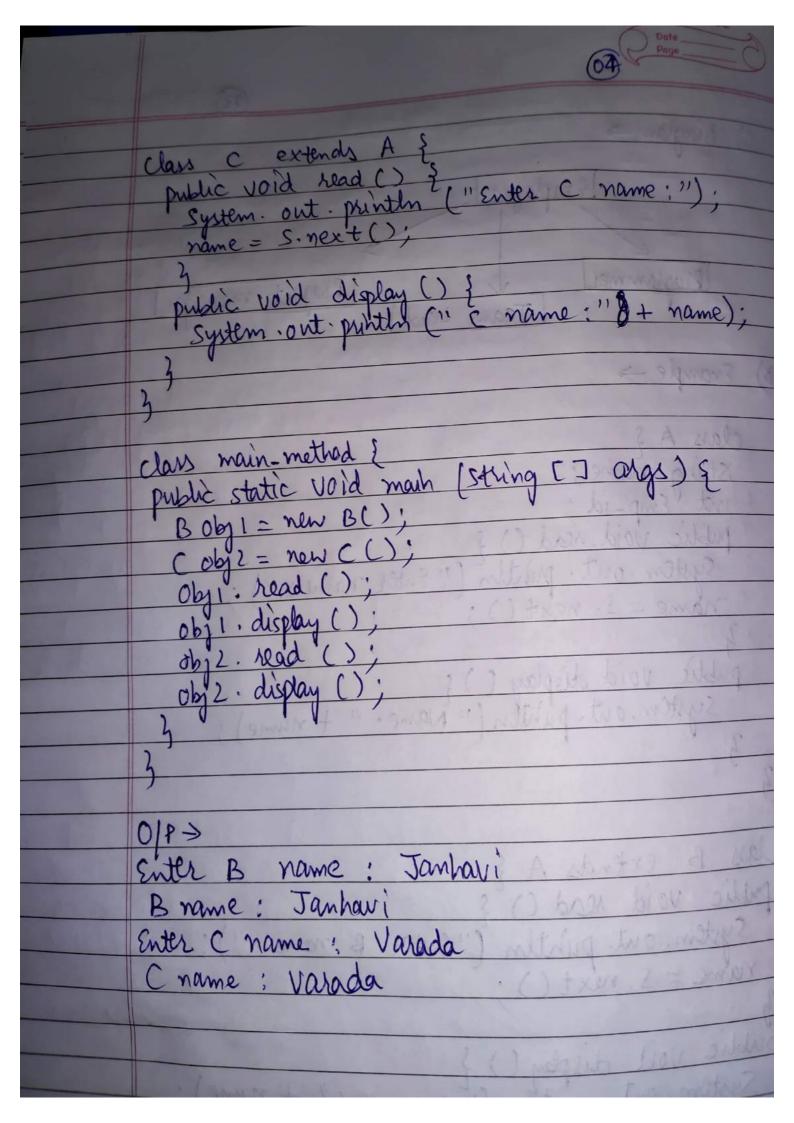
Name > ABRISHER DHAR classmate ROLL > 23201 BATCH > E-10 ASSIGNMENT NO -03 Title > Inheritance Aim -> Design and develop inheritance for a given case study identify objects and relationships and implement inheritance whenever applicable Employee class has Emp-name Emp-id Address mail-id and mobile no as members. Inherit classes Programmer, Team lead, Assistant project manager and project manager from employee class. Add Basic pay (BP) as the member of all the inherited classes with BP as PF, 0.1% of BP for Staff club fund.

Grenerate pay slips for the employees with their gross

and net salary. Objectives -> to learn the cancepts of hierarchial inheritance. Theory -> Hierarchial inheritance A) Definition > When a class has more than one child classes or in other words more than one child classes have same parent class then this type of inheritance is known as Hierarchial inheritance







(05) E) Working -> The four classes Programmer, Team Lead, Assistant
Project manager and Project manager are the
Subclasses inheriting from Employee class. Mence, all the
methods and datamembers of Employee are accernishe
in sub classes. So in the above example name is
used in all classes to read and display its values.
In main method, according to Object declared, coverable
read and display function would be called and
executed. F) Advantages of Disadvantages > a) The parent and child classes are dependent on each other. b) If functionality of base class is changed then child class goes through changes as well.

c) It increases time and efforts to jump through different levels of inheritance. G) Applications > 1) Inheritance is used in all applications where there is—a' relationship between two or more things.
2) Also used whenever function, and members need to be used in various diff. setting.

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	0.0010.00	Emp-id	
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	Programmer	Team lead	
	Emp-name	Emp_name	
- 461	Emp_id	Emp_id read()	
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7	4	Assistant manager	
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		Emp-id	
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WAY!	THE WALL THE	AND POSITIONED IN COMMENTS	
	Conclusion >	pulition which supplied in hood and	
	Learnt to capply concept	of hierarchial inheritance.	
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