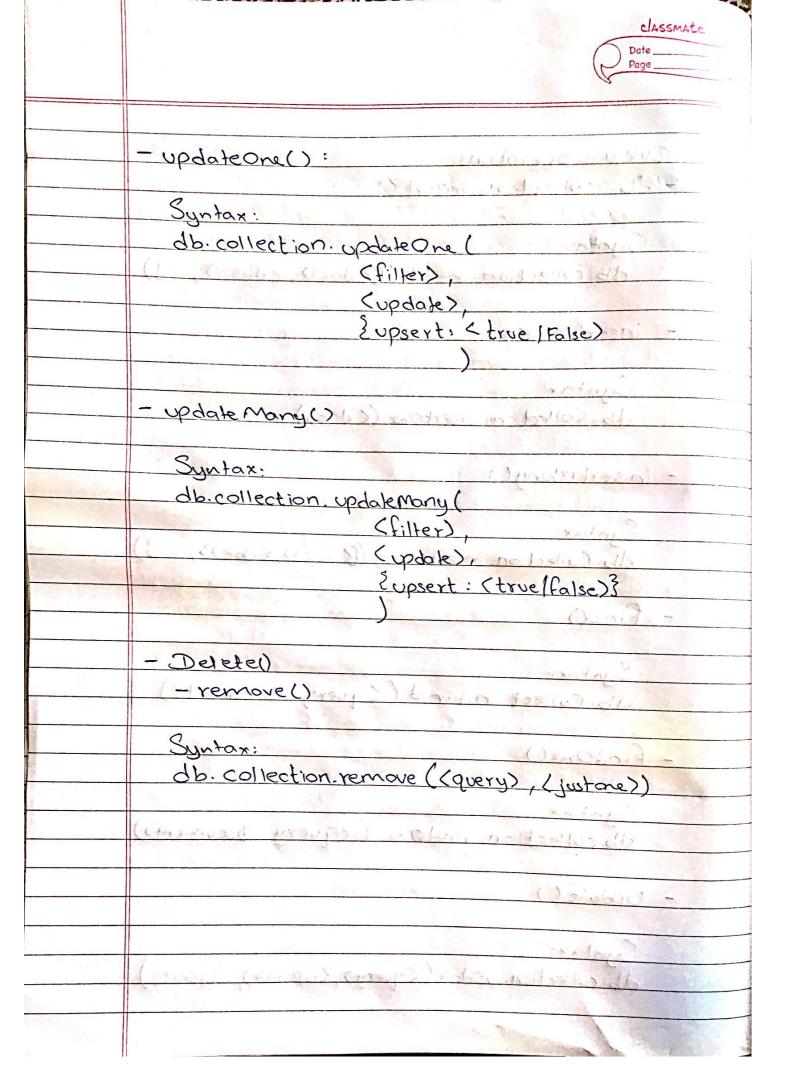
	Assignment Boi
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	There is your day down the
	Title: Study of open source Nosal
	Database: Mongodb
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	Problem Statement:
	- Study of open Source Nosal Database Mongo DB -
	- Implement database with suitable example -
	with mongoDB 4 write queries.
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	Objectives:
	- Perform installation & Setup of Mongo DB
	- Implemented database in Mongo DB.
	- Perform basic CURD operations 4
	administrative Commands in Mongo DB.
	money and the property of the state of
	Software & Hardware Requirements:
	- Mongo DB 4.4 deb Package
	- text editor
	- 64 bit OS 8GB RAM
	- Intel is
	- i/o devices
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Theory:
J
Mongo DB:
Mongo DB is a cross platform, document
Oriented database that provides high
performance, high avaliability & easy
Scalability, it is Nosal database
works on the concept of collection
and document A Single Mongo DB
server typically has multiple databases.
- State of the second second second -
Collection:
Collection le a group ot Mongo DB documents
It is Equivalent of a RDBMS table
A collection exists within a single
database. Documents within a collection
nave different fields between it
Parties of the same of the sam
- Pocument:
A document is a key value pair. Documents
Joverna 11 Hot
in the same collection dans need
have the same set of fields or structure.
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Advantages of MongaDB
) Schema less
2) Well defined structure
3) No complex joins
4) Scaling easy
3) deep query ability

	classmate Date Page Date
•	CURD operations:
	- db. collection. insert ()
	Syntax:
	db. collection. insert ([(doc1), (doc2),])
	Kgirthy)
	- Insertone ()
	Syntax:
	db. Collection. insertone ((doc))
	- insertmany()
	2
	Syntax: db. Collection. insert Many (((doc1), (doc2), J)
	Constitution of the second
	- Find()
	Syntax:
	db. Collection. find ((query. Document))
	GD. Correction 1
	- Findone()
	Acrost Cray Dane Kappaner all
	Suntax
	db. collection. findone ((query Document))
	- Update ()
	Syntax:
	db. collection. update ((query), (update), Eupsert?)



•	Query operators:
	and the state of t
	- Comparison de distribution
	1) Seq : equals 4) Sin : Specific values.
	2) \$9t: greater than
	3) \$lt: less than
	Syntax: { <field): <\$lt:="" <value)}}<="" th=""></field):>
	- Logical
	1) Sand
	2) \$ or
	3) \$ not
	Syntax: Esnot: Ecoperator exp) 33
	Admin Commando:
	i) Create user
	2) Drop user
	db. drop User ()
	3) Creak / Switch database
	use (name)
	4) Drop database
	use (name)
	dbdrop Datobose()
	5) Create Collection
	db. Create (ollection ("name")
	6) drop Collection
	7) Show Commando
	show dbs; show users; show roles;

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	Conclusion:
	In this assignment we complete
	the study of Mongo DB along
1 - 12	with it's installation in Ubuntu 20.04
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