-	5
	Practical No. 102
0	Sun: - Create a database and collection using
	collection meant los current Protein
	records cous lives lives to
	restaurant ment sent of
	locality date was
	collection meant for analyzing. Restaraunt records can have fields the rest-id, restaurant name, austomen manne, locality, date, ausième, grade, comment ete
	CHECKE CLOTAL STATE OF STATE O
	Greate clatabase using Tusert, Update, Inden, Upsert, delite.
	gran, delite.
ø	Theory: -
	11.00 - 00
	to a distribute that
70	The college cultivatedly
	Mongo DB is a Mosque database that stores data & created cultomatically when we insert the first document.
-1	In Mongobb data is stored data in
	BSON format
	-> Create Database: - " use" command used to
	create database/ swith detabases
	use databb
	-> Create Collection: - Collection is created
	implicitely when we insert the clater
	Insert Operation
	Used to add new document to the
	collection
	Forsert Sengle Doument >  Forsert One used to Ensert and doune
	* InsortOne U used to Ensert our doute

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9	2 db. collection. Ensert One (\$
	Aran Ar 4 O
	crame: "Raj"
	Ensert Multiple Document:
	eg mounent:
	db. collection
	Encure - up in
	db. collection. insert Many (r Sname: "pay", age: 12 3,
	age: 12 7, Eneure: "Ajay",
	age: 13 3
h:	age: 13 3
	Read Operations: - Methods like finds.  Used to retrive data.
	used to retrine data.
	eg
	clb. collection, find ();
	Jeturn cell data in a collection
•	Additionally sur can provide fetters En parameters to retrieve specific records documents.
	en paramodino de peters
	rocoids documents. recipie
0	applications:
	The Update One and "update Ma
	melhods modely existing character many
e	based as 1917
	es Cu filles.
	db.collection.updateOne (
	8 - id: "120"
	2:5
	\$ set: Sqrade: "A"}
	3);
1	updates the grade of document with id 120
	a cocurrent cuith id ton

a di		9
	Practical No 03  Ain: - Emperiment with Mongobs and .  comparision & logical Query Operato \$ gt, \$gte, \$1t, \$1te, \$ nin, \$ ne, \$ and, \$ or \$ not	
•	Aun: - Emperiment with Mongobs and.	enrlan
	comparision & logical Query Operato	ч
The second secon	Sgt, lgte, bit, bite, snin, sne, sand, for	1
	GNO	
	Comparission Operator in Mongo DB	
2025.0	Comparission Operator in MongoDB. Used to compare the value of afield a specific value.	to
2020-0	a sperfir valve.	
A designation of the contract	-) Sat Carrate +1 1	
	→ \$9t (greater than) es vagen: & \$9183033	
Alexander		
SWG TOO.	eg s"agen: & \$ gte: 302 k	
, de .	eg & "agen: & \$ gte: 302 k	
190	-> \$1+ ( loss +1 a)	
t. Emphysical	eg & "age": \$ \$ 1t : 30 } }	9
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, and the state of	Tyle c fess than or equal)	
H Mills	eg 2" age": &\$tte: 30}	
4	→ & sne & not regual to?	
	eg v"age": \$ \$ne:30}}	
	-> tin fin an avoiay)	
	→ \$in & in an averay) \$"age": \$\$in:[12,30,40] ?}	b .
men dat	26 America Service Services and Services Service	
1,	> \$nin cnot "u au averay)  5" age": \$\$nin:[12,30,40]33	
9	1 276 . 4 \$ 11111 . [12,30,40] 44	
100		
4.		
4,1		

	10
•	Logical Operations En Mongops.
	The Overies combine multiple conditions ou a querry.
	-> \$AND ( Logical AND)
	eg \$ \$AND: [&"age": [\$gte:20], }"age": &\$1te:40}]}
	→ \$OR (Logical OR)
	→ \$0R (logical OR) \$\$0R:[ ; "age": {\$ \$gle: 30}, { "age": \$ \$ \$ 1 te: 20}]}
	-> \$NOT ( Logical NOT)
	8-\$NOT: '
	db.collection.find sage: \$\$not: \$\$in: [20,25,30] }})
•	Result:
)	Hence we succentuly performed queries with logical & comparison operator.
	a vision beyond
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	T March
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