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	BOTCH: B4
	* CONTENTER LABORATORY IV: BIG DATA ANALYTICS *
	€ ASSIGNMENT - 1 €:
	· · · · · · · · · · · · · · · · · · ·
·*	TITLE: CRUD operations using Mongo DB.
	a si in regulardo servicio destro la set reserva
*	PROBLEM STATEMENT :
. / 5 / 1 "	- Mongo DB: Installation and Greation
12 11 at 1	of database and Collection CRUD Document:
	Insect, Quecy, Update and Delete Document.
©	. show I have a while to
. 4	OBJECTIVES : 15 5 5 4 1 : Seconds
.4150	Install and setup MongoDB on your
, 5 1	Install and setup MongoDB on your
	- Create a database and collection in
	. Es Son Mongo DB mont tool st
thems.	- Perform basic CRUD operations (Insert,
d t	Quezy, Update, and Delete) on documents
	in Mongo DB collection.
50	is a solling of the position of the to
→	PRE-REQUISITE : auto shale più auto
	- Basic knowledge of databases and
	their types
9 11	- Familiazity with command-line operations
· 7.51	- Understanding of ISON format, as
	Mongo DB stores dorta in Binary Ison.
	· · · On trust never to one with the state of the
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7	DETYPHEND ATTAL FORM : MI VASTIMASON INTENTO TO
*	THEORY ! . TANKING LEATE
	© MongoDB >>
	- Mongo DB is la No SQL; document-
	oziented database designed to stoze
	and manage unstauctured or semi
7	structured data. Unlike traditional
: mz .	zelational databases, Mongo DB uses
ineman s	collections and documents instead
	of tables and zows.
	Document: A zecozd in Mongo DB,
50	stored in B SON Pormat.
(4)	Collection: A group of documents,
	adialla bir seranalogaus tonartable in
	zelational: databases.
1 1 5 5 2 5 5	Database: A contaînez foz collections.
71.5000	- Mongo DB Ps highly scalable, Plexible,
	and suitable for handling large volumes
	of data, making it a popular choice
	for big data applications
ki v	in a commission is a special control sine of
	© CRUD operations →
Printer C	- CRUD stands Poz Czeate, Read, Update
d Ko	and Delete, which are the four basic
F- 18 L	operations performed on any database.
No.	(structured or unstructured).
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	O Czeate [INSERT] → - Adding new documents to a collection. - E.g. db. collectionName. insert ({ name: "John", age: 30, city: "New York"});
0	 Read [QUERY] → Retzieving documents from a collection. E.g. db. collectionName. find ({city: "New York"})
	Dpdate -> - Modofying existing documents in a collection E.g. db. collectionName. update ({name: "John"}, {\$\$set: {age: 31}};
	© Delete → - Removing documents from a collection. - E.g. db. collectionName. zemove (\{\text{name}: "John"});
*	CONCLUSTON:
	- Hence, we successfully installed the Mongo DB database and performed the basic CRUD operations after creating database.
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