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\* Date of completition: 23/11/2020

10 Date of Submission: 27/11/2020

\* Title: Mongo DB - Java Connectivity

Problem Statement:

Write a program to implement Mongo DB database connectivity with PHP | Python | Java Implement Database navigation operations

(add, dutt, update, etc.) using ODBC | IPBC

· Objectives:

- 1) To implement database connectivity for Mongo OB with Jana
  - 2) To perform navigation operations on the database using JDBC/DBC.

\* Outcomes:

Stydents neils be able to:

- i) Implement database connectivity for Mongoos
- 11) Perform : CRUD operations on the database.

\* SIN And HIM Requirements:

Mongo DB M'H' I Server, Intelli], Windows 10, 15 processos

Teacher's Sign.:

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	MONGODD: Java Driver
	Mongo DB provides connectivity for Java shout applications using sava driver
-	elient applications using sand drives
	I vering the Java order is smide, just include
_	vering the Java order is smigle, just include the driver jas mongo jas in your class patu
	things: API can do the following
	Establish a connection with a database
	action any tabular data source
	send various Monar DR statements
_	- Retrieve and process results nearlied from
	the database.
	Here for Mongo DB 4.4 have used 3 jan files.  1) mongo ab - duries - core - 4.1.1  2) mongo ab - duries - syne 4.1.1  3) bson - 4.1.1
	1) mongo db - diner - core - 4-1-1
-	2) mongodb-durch - sunc 411
	3) bsm - 4:1:1
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	· Connect to database
	Mongo Culent mongo = new Mongo Client ( * cocalhost; 27017  (2) Mongo Dotabase database =
1	Mongo Culent mongo = new Mongo client ( " cocalhost" 27017
7	1) Mongo Dotabase database =
	mongo. get Database ("db-name")
	The state of the s
-	Create a collection:
1	Syntax:
1	database errate Collection ( 4 collection_ name ");

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	getting / selecting a collection.
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-	mongollient & Document) vollection = dalabore getlouletron ( "collection name");
	"collection name"):
-	1371313355112 15 15 15 15 15 15 15 15 15 15 15 15 15
0	Lugart a Domment:
	Doarment doc = new Document ("kyt", "value!")  append ("key 2", "value 2");
-	append( Key 2", "valde 2");
	and the seasons of the seasons
-	sellection injertone ( doc):
	o Retrieving au documents.
	Marine State of between the first of
	Find Herable & Doannent > Herboc= collection-find ()
	Clerator it = Her Doc Herator ();
	while (it has Next()) }
	System out printly (it next());
	PH++3
	}
	· Hodate Domment:
	collection update one ( filters : cg ( "title", 1)
	update set ("key", "value"));
	o stpdate Document:  concetion update one (filters eq ("title", 1),  update set ("key", "value"));
0	and to a decrease to

collection. deleteone (Pilters. eq ("fitte", "Mongo DB" ));

Dropping a collection! diop();

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	Pest Cases?
1 111	Input Expected Output Result.
1)	Collection name! Monte collection Success
,	mon'e created successfully
9)	Monleid: 101 Doannent Success.
	genre: comedy viserted
	Rating: 95 rucces fully
	An adams (An a
*	Conclusion:
1117	onnectivity with Java database
	2) We implemented CRUD operations
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