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Assignment - C2

Date of Submission: 30/11/2020

Date of completition: 30/11/2020

Title: Java- MySPL connectivity

Problem Statements:

Implement Myspi/Oracle database connectivity with PHP/python/Java. Implement Database navigation operations (add, delete, edits) using

* Objectives:

- o To understand concept of SDBC and MySQL connectivity

 o To perform basic database operations.

* Outcomes?

Students will be able to:

Successfully unplument & study database connectivity and perform basic operations using it

Myspe, Jama Entellij LDE, is processor, sqB RAM, nhindaires 10 etc.

* Theory o Mysol - MySPI is the most popular open source relational SOL database management system It is one of the best ROBMS being med joe developiling various meb-base s'u O applications Establishing IBBC connection in Java What is JDBC? ets an accomm for Jana Database connectivity. Its an advancement of ODBC Copen database connectinity) in order to more data from front end to back end This API consists of classes and interfaces written in 'Jana'. It basically acts an interface or channel between your dans peogram & a platabase i.e. it establishes a link between the two so that a programmes should send data from Jang code & store it in the database for future use.

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×	steps for connecting Java peogram & database
1	Loading the Driver:
- 1	chart has to be I your much of idea. Deanh ")
	for hame (am myg) g dec mare)
	· Deiner Manages. register Deiner ()
2	Create connection:
4	lengertion come = Dulyes Manages, altonuection (us),
	will ame particold
	lourcetion conn = Driver Manages get Connection (ust, mername, password); ml = "jdbc: mysql:// wealhost: 330c / assignment c2";
	mez jabes mysgr, 11 weartoss. 3300 / wssyr ward
	Dan B and Parish
3	Cleate a Statement:
_	Statement Amt = conn quatistatement ();
4	Execute query
	•
	(1) puery sel settieving data strut Dexecute query (query);
	stult Dexecute Query (gury);
	(2) Quent los updating/inserting data:
	(2) query for updating/inserting data: stort execute Update (query);
	Silver Services Country
5	- Blose the connection:
	com dose ();
*	Creating A Table:
	Syntals:
	Syntax: Syntax: String q = "create table table name (id int, name varchas(10));"
	(id int, name varchas(10)):

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81mt execute Update (9);

Inserting into a table:

9 = "visest into table name values (1, 'p');"
stmt executeUpdate (9);

deliting from a Table:

q = 4 delite from table name where id = 101 ";

otnt executed polate (q);

Retrieving from a table: Resulted ret;

q = " select * from table name"

not = stmt execute Query (9);

while (1st next())}

print (1st getstring (0)) }

Conclusion!
Thus, we simplemented DBC connectivity & performed basic navigation operations on it

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