Assigment databases

# Part 1: Create 3 stored procedures

In the database that you made you have to create atleast 3 stored procedures and call them through your Python program. The complexity of the stored procedure isn’t of the matter, but you have to make at least 3 stored procedures that aren’t alike.

A)

CREATE DEFINER=`root`@`localhost` PROCEDURE `create\_table\_recepten\_materialen`()

BEGIN

CREATE TABLE recepten\_materialen (

RECEPTID int(6) NOT NULL AUTO\_INCREMENT,

MATERIAALID int(6) NOT NULL,

Primary Key(`RECEPTID`));

END

B)

CREATE DEFINER=`root`@`localhost` PROCEDURE `create\_table\_ingredients`()

BEGIN

CREATE TABLE ingrediënten (

INGREDIENTENID int(6) NOT NULL AUTO\_INCREMENT,

BESCHRIJVING varchar(1000),

KLEUR varchar(50),

INGREDIENTEN\_CATEGORIE varchar(50) DEFAULT NULL,

HOEVEELHEID\_IN\_STOCK varchar(50) DEFAULT NULL,

EENHEID\_STOCK varchar(50) ,

Primary Key(`INGREDIENTENID`));

END

C)

CREATE DEFINER=`root`@`localhost` PROCEDURE `create\_table\_recept`()

BEGIN

CREATE TABLE recepten (

RECEPTID int(6) NOT NULL AUTO\_INCREMENT,

RECEPTNAAM varchar(50) ,

BEREIDINGSWIJZE varchar(1000) DEFAULT NULL,

Primary Key(`RECEPTID`));

END

# Part 2: Create 3 queries with advanced SQL functions

In the database that you made you have to create at least 3 queries that contain 3 SQL Functions. It is permissible to combine this with the stored procedures. Examples of advanced SQL functions:

* **BIN():** It converts a decimal number to a binary number.
* **IFF():** It returns one value, if specified expression is TRUE otherwise it returns another value.
* **ISNUMERIC():** It returns an integer value in result set for specified expression. It returns 1, if specified value is numeric otherwise it returns 0.
* **ROUND, ABS, SQRT:** SQL offers functions that work with numerical data.

Afbeelding met tekst

Automatisch gegenereerde beschrijving

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# Part 3: Store password

Create a database scheme where you store data which is hashed password or other data type through Python code. We should also be able to get this password and check if this is correct.

Afbeelding met tekst

Automatisch gegenereerde beschrijving