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**CREATING DATABASE AND TABLE :**

CREATE DATABASE <DATABASE\_NAME>;

CREATE TYPE years AS int ARRAY[5] DEFAULT NULL;

CREATE TABLE <TABLE\_NAME> (

ID int,

Question description varchar(500),

Academic Years years,

Concepts varchar(50)

);

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (1, 'Which orientation of .....', [2018, 2020], 'Electric Charges and Fields');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (2, 'if the radius of the gaussian.......',[2019,2020],gaussian surface');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (3, 'define the term electric dipole.....',[2016,2020],'Electric Dipole');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (4, 'in which orientation.......',[2014,2018,2020],'Electric Dipole');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (5, 'why should electrostatic.......',[2012,2019],'Electriostatic field');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (6, 'why must electrostatic field be normal.......',[2012,2018,2021],'Electriostatic field');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (7, 'a charge is placed.......',[2015,2020],'Electric flux');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (8, 'depict the direction of the.......',[2012,2022],'Magnetic field');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (9, 'why do the electric field lines.......',[2013,2015,2020],'Electriostatic field');

INSERT INTO <TABLE\_NAME> (ID, Question description, Academic Years, Concepts)

VALUES (10, 'is the electric field due a charge configuration.......',[2019,2021],'Electriostatic field');

**PHP CODE:**

<?php

class QuestionBank

{

public $qid;

public $qdescription;

public $years=[];

public $concepts;

function retrieveQuestions($year)

{

$connection=mysql\_connect("localhost","root","");

$db=mysql\_select\_db("questionbank",$connection);

$query=mysql\_query("select questions from questionbank where year in($year)",$connection);

print\_r($query);

}

function retrieveconcept()

{

$connection=mysql\_connect("localhost","root","");

$db=mysql\_select\_db("questionbank",$connection);

$query=mysql\_query("select max(concepts) from (select count(questions) from questionbank group by concepts)");

print\_r($query);

}}

$questionbank=new Questionbank;

$year=readline('enter year:');

$questionbank->retrieveQuestions($params);

$questionbank->retrieveconcept();