Assignment

Aug24/ DBT/127

Database Technologies

Diploma in Advance Computing

August 2024

**Function**

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| 1. Pass DEPTNO to the function (named sumSalary) and calculate the sum of salary.(Use: EMP table) |
| **drop function if EXISTS f1;**  **delimiter $**  **create function f1(nod int) RETURNS int**  **deterministic**  **BEGIN**  **DECLARE salSum int;**  **select sum(sal) into salSum from emp where deptno = nod;**  **RETURN salSum;**  **end $**  **delimiter ;** |
| **mysql> source C:\Users\IET\Desktop\ass.\_127.sql**  **select f1(10);** |
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| 1. Create a new table called STUDENT\_NEW having following columns (studentID, namefirst, namelast, DOB, and emailID). Write a function names autoNumberto return auto generate studentID and return the new value (Use: STUDENT\_NEW table). |
| **drop function if EXISTS autoNumberTo;**  **delimiter $**  **create function autoNumberTo() RETURNS int**  **deterministic**  **BEGIN**  **DECLARE last\_id int;**  **DECLARE new\_id int;**  **select count(id) into last\_id from student\_new;**  **set new\_id = last\_id + 1;**  **RETURN new\_id;**  **end $**  **delimiter ;** |
| **create table student\_new(id int, namefirst varchar(50), namelast varchar(50), dob date, email varchar(150));**  **insert into student\_new values(autoNumberTo(), "hello", "world", "2006-10-25", "helloworld@gmail.com");** |
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| 1. Write a function which will accept email-ID from the user, if the email-ID is present return his username and password or else `Return “Employee not exists”. (Use: LOGIN table) |
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| 1. Write a function which will accept studentID from the user and calculate the sum of (10th, 12th, and BE) marks. |
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