Assignment

Mar24/ DBT/127

Database Technologies

Diploma in Advance Computing

March 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  sumSalary;  delimiter $  create function sumSalary(deptno int ) RETURNS int  DETERMINISTIC  begin      declare x int;       declare y int;      set x=deptno;      select sum(sal) into y from emp where deptno=x;      return y;  end $  delimiter ; |
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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 autoNumber;  delimiter $$  create function autoNumber() returns int  DETERMINISTIC  begin      declare newNumber int;      select max(id) + 1 into newNumber from student;      if newNumber is null then          set newNumber = 1;          return(newNumber);      else          return(newNumber);      end if;  end$$  delimiter ; |
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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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