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) |
| **create function sumsalary(deptno int)**  **returns decimal(10, 2)**  **as**  **begin**  **declare totalsalary decimal(10, 2);**  **select sum(salary) into totalsalary**  **from emp**  **where deptno = deptno;**  **return totalsalary;**  **end;** |
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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). |
| **create function autonumber()**  **returns int**  **begin**  **declare newid int;**  **select coalesce(max(studentid), 0) + 1 into newid**  **from student\_new;**  **return newid;**  **end;** |
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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) |
| **create table student\_new (**  **studentid int primary key,**  **namefirst varchar(50),**  **namelast varchar(50),**  **dob date,**  **emailid varchar(100)**  **);** |
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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. |
| **create function calculatetotalmarks(studentid int)**  **returns int**  **begin**  **declare totalmarks int;**  **select (tenth\_marks + twelfth\_marks + be\_marks) into totalmarks**  **from students**  **where studentid = studentid;**    **return totalmarks;**  **end;** |
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