Assignment

March20/ DBT/127

Database Technologies

Diploma in Advance Computing

March 2023

**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 d int default 0;  select sum(sal) into d from emp where deptno=\_deptno group by deptno;  return d;  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 autoNumber to return auto generate studentID and return the new value (Use: STUDENT\_NEW table). |
| create table STUDENT\_NEW(studentID int, namefirst varchar(40), namelast varchar(40), DOB date, emailID varchar(40));  drop function if exists autoNumber;  delimiter $  create function autoNumber() returns int  deterministic  begin  declare d int default 0;  select ifnull(max(studentID),0) into d from student\_new;  return d+1;  end $  delimiter ;  insert into student\_new values (autoNumber(),'abc','xyz','2023-04-26','abc@gmail.com');  insert into student\_new values (autoNumber(),'abc','xyz','2023-04-26','abc@gmail.com');  select \* from student\_new; |
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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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