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 sum1;**  **delimiter $**  **create function sum1(\_id int) returns int**  **BEGIN**  **declare x int default 0;**  **select sum(sal) into x from emp where deptno=\_id;**  **return x;**  **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). |
| drop function if exists autoNumber ;  delimiter $  create function autoNumber () returns int  BEGIN    declare x int ;  select max(studentID)+1 into x from student\_new;  if x is null then  return 1;  end if;    return x;    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. |
| drop function if exists getmarks;  delimiter $  create function getmarks(id int )returns int  begin  declare A int;  select sum(marks) into A from student\_qualifications where studentID=id and (name=10 or name=12 or name='BE');  return A;  end $  delimiter ; |
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