Assignment

Feb20/ DBT/127

Database Technologies

Diploma in Advance Computing

February 2020

**Function**

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| 1. Pass EMPNO to the function (named sumSalary) and calculate the sum of salary. (Use: EMP table) |
| drop function if exists sumSalary;  delimiter $$  create function sumSalary(\_employeeID int) returns int  begin  declare x int;  select sum(sal) into x from EMP where empno = \_employeeID;  return(x);  end$$  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 $$  create function autoNumber() returns int  begin  declare newNumber int;  select max(id) + 1 into newNumber from student\_new;  if newNumber is null then  set newNumber = 1;  return(newNumber);  else  return(newNumber);  end if;  end$$  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) |
| drop function if exists checkUser;  delimiter $$  create function checkUser(\_email varchar(20)) returns varchar(1000)  begin  declare \_userName varchar(20);  declare \_password varchar(20);  select userName, password into \_userName, \_password from login where email = \_email;  if \_userName is not null and \_password is not null then  return(concat(\_userName, ' ', \_password));  else  return("Employee not exists");  end if;  end$$  delimiter ; |
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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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