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) |
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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). |
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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(80)  begin  declare flag bool default 0;  declare str varchar(40) default "";  select true into flag from login where emailid=email;  if flag then  set str = concat ('username=',(select username from login where emailid=email), " Password= ", (select password from login where emailid=email));  return str;  else  select "Employee not exists” ;  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. |
| drop function if exists summarks;  delimiter $  create function summarks(no int) returns int  begin  declare total int default 0;  select sum(marks) into total from student\_qualifications where studentid=no and name in('10','12','BE');  return total;  end $  delimiter ; |
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