Assignment

Feb19/ DBT/126

Database Technologies

Diploma in Advance Computing

February 2019

**Procedure**

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| 1. Create a LOGIN table (username, password, and email). Write a procedure (named ***addUser***) to pass the username, password, and email-ID through the procedure and store the data in the LOGIN table. |
| create table login (username varchar(20), password varchar(20), email varchar(20));  drop procedure if exists addUser;  delimiter $$  create procedure addUser (userName varchar(20), password varchar(20), email varchar(20))  begin  insert into login values(userName, password, email);  Select "Record inserted..." as Message;  end$$  delimiter ; |
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| 1. Create a LOG table (id (auto\_increment), curr\_date, curr\_time, and message). Write a procedure (named ***checkUser***) to pass the email-ID as an input, check whether passed email-ID is available in LOGIN table or not available. If the email-ID is available then display the username and his password. If the email-ID is not available then, insert (id, curr\_date, curr\_time, and message) in LOG table. |
| create table log (id int, curr\_date date, curr\_time time, message varchar(20));  drop procedure if exists checkUser;  delimiter $$  create procedure checkUser (\_email varchar(20))  begin  declare \_username varchar(20);  declare \_password varchar(20);  select username, password into \_username, \_password from login where email = \_email;    if \_username is not null and \_password is not null then  select \_username, \_password;  else  Insert into log (curr\_date, curr\_time, message) values ((select current\_date), (select current\_time), "Record not found...");  end if;  end$$  delimiter ; |
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| 1. Write a procedure (named getQualification) that takes employeeID as a parameter. If employeeID is present in the N2EMPLOYEE table, then print his employee details along with N2QUALIFICATION details and if the employeeID is not present display message “Employee not found…” (Use: N2EMPLOYEE, and N2QUALIFICATION tables) |
| drop procedure if exists getQualification;  delimiter $$  create procedure getQualification (\_id int)  begin  declare id int;  select distinct e.id into id from n2employee e, n2qualification q where e.id = q.employeeid and e.id = \_id;    if id is not null then  select \* from n2employee e, n2qualification q where e.id = q.employeeid and e.id = \_id;  else  select "Employee not found…";  end if;  end$$  delimiter ; |
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| 1. Write a procedure (named addDepartment) that inserts a new department into the N2DEPARTMENT table. (Use: N2DEPARTMENT table) |
| drop procedure if exists addDepartment;  delimiter $$  create procedure addDepartment (\_id int, \_name varchar(20), \_location varchar(20))  begin  declare id int;  insert into n2department values(\_id, \_name, \_location);  end$$  delimiter ; |
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| 1. Write a procedure (named addQualification) that takes employeeID, and qualification details as a parameter. If employeeID is present in the N2EMPLOYEE table, then insert the qualification in N2QUALIFICATION table and return a message “Record inserted” or else print ‘Employee not found’. (hint: using OUT parameter) (Use: N2EMPLOYEE, and N2QUALIFICATION tables) |
| drop procedure if exists addQualification;  delimiter $$  create procedure addQualification (\_EMPLOYEEID int, \_ID int, \_NAME varchar(25), \_Stream varchar(25), \_ADDMISSIONYEAR date, \_INSTITUTE varchar(25), \_UNIVERSITY varchar(25), \_YEAROFPASSING int, \_PERCENTAGE float, \_GRADE varchar(10), out \_message varchar(100))  begin  declare x int;  select id into x from n2employee where id = \_EMPLOYEEID;  if x is not null then  insert into n2qualification values (\_ID, \_EMPLOYEEID, \_NAME, \_Stream, \_ADDMISSIONYEAR, \_INSTITUTE, \_UNIVERSITY, \_YEAROFPASSING, \_PERCENTAGE, \_GRADE);  select "Record inserted...";  else  set \_message := "Employee not found";  end if;  end$$  delimiter ; |
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