Assignment

March23/ DBT/126.1

Database Technologies

Diploma in Advance Computing

March 2023

**Procedure**

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| 1. Write a procedure to accept a string and print all characters in separate lines.   Input: - Ram  Output: - R  a  m |
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| 1. Write a procedure to accept a string and print every character separated by a comm sign.   Input: - SALEEL  Output: - S, A, L, E, E, L |
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| 1. Write a procedure to accept an alpha numeric string and separate number and characters of the string.   Input: - SAL1234EEL  Output: - SALEEL  1234 |
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| 1. Write a procedure to print all employee name and his job in following format.   Input: - KING PRESIDENT  SCOTT ANALYST  Output: - K(ING) is PRESIDENT  S(COTT) is ANALYST |
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| 1. Write a procedure to print all upper and lower characters separately.   Input: - AbCdEfG  Output: - ACEG  bdf |
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| 1. Write a procedure to find the number of vowels, digits and white spaces |
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| 1. Write a procedure to remove all characters in a string except alphabets   Input: - saleel.bagde123@gmail.com  Output: - saleelbagdegmailcom |
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| 1. Write a procedure to insert 10 rows in a table having following columns (using loop).   R (id int, message varchar(20)).  Output: -  id message  ---- -----------  1 i is odd  2 i is even  3 i is odd  4 i is even  5 i is odd  6 i is even  7 i is odd  8 i is even  9 i is odd  10 i is even |
| drop table if exists temp;  create table temp(id int,msg varchar(20));  drop procedure if exists que8;  delimiter $  create procedure que8()  begin  declare l int default 0;  lu:loop    if l > 9 then  leave lu;  end if;    set l=l+1;  if mod(l,2)!=0 THEN  insert into temp values (l,"is odd");  else  insert into temp values(l,"is even");  end if;  end loop lu;    end $  delimiter ; |
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| 1. Write a procedure to print five highest paid employees from the emp table using cursor. |
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| 1. Create the following table named (emp10, emp20, and emp30) which have the same structure of emp table.   Write a procedure to split employee records from emp table according to their department numbers and insert those records in the appropriate table using cursor. |
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| 1. Write a procedure to display the department number and employee name in the following format.   10 -> (AARAV, THOMAS, CLARK, KING, MILLER)  20 -> (SHARMIN, BANDISH, SMITH, JONES, SCOTT, FRED, ADAMS, FORD)  30 -> (GITA, ALLEN, WARD, MARTIN, BLAKE, TURNER, JAMES, HOFFMAN, GRASS)  40 –> (No employee work in department 40…)  50 -> (VRUSHALI, SANGITA, SUPRIYA) |
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| 1. Write a procedure to accept customer number and display all his order. (Use customers and orders table) |
| **drop procedure if exists que12;**  **delimiter $**  **create procedure que12(id int)**  **begin**  **if id in (select cnum from orders) then**  **select customers.cnum ,onum from customers inner join orders where customers.cnum = orders.cnum and customers.cnum=id;**  **end if;**  **end $**  **delimiter ;** |
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| 1. Write a procedure to convert numbers into word   Input: - 45234  Output: - Four Five Two Three Four |
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| 1. Write a procedure to find the sum of digits.   Input: - 5675  Output: - Twenty Three |
| drop procedure if exists que14;  delimiter $  create procedure que14(in s varchar(20))  begin  declare l int default 1;  declare A int default 0;  lu:loop  if l = length(s)+1 then  leave lu;  end if;  select substr(s,l,1);  set A=A+substr(s,l,1);  set l=l+1;  end loop lu;  select A;    end $  delimiter ; |
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| 1. Write a procedure to find how many “Sundays” are present between two given dates.   Input: - Date1 and Date2  Output: - 3 Sunday’s |
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