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 |
| drop procedure if exists pro1;  delimiter $  create procedure pro1(str varchar(20))  begin  declare x int;  set x=length(str);  lbl:loop  select left(right(str,x),1);  set x=x-1;  if x<=0 then  leave lbl;  end if;  end loop lbl;  end $  delimiter ; |
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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 |
| drop procedure if exists pro1;  delimiter $  create procedure pro1(str varchar(20))  begin  declare x int default 0;  declare y int default 1;  drop procedure if exists pro1;  delimiter $  create procedure pro1(str varchar(20))  begin  declare str1 varchar(20) default '';  declare str2 varchar(20) default '';  declare x int;  declare y int default 1;  set x=length(str);  lbl:loop  set str1=left(right(str,x),1);  if y=1 then  set str2 = concat(str2,str1);  else  set str2 = concat(str2, ',',str1);  end if;  set y=y+1;  set x=x-1;  if x<=0 then  leave lbl;  end if;  end loop lbl;  select str2;  end $  delimiter ; |
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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 |
| drop procedure if exists pro1;  delimiter $  create procedure pro1(str varchar(20))  begin  declare x int default 0;  declare y int default 1;  drop procedure if exists pro1;  delimiter $  create procedure pro1(str varchar(20))  begin  declare str1 varchar(20) default '';  declare str2 varchar(20) default '';  declare str3 varchar(20) default '';  declare x int;  declare y int default 1;  set x=length(str);  lbl:loop  set str1=left(right(str,x),1);  select str1;  if (ascii(str1)) >65 then  set str2= concat(str2,str1);  else  set str3= concat(str3, str1);  end if;  set x=x-1;  if x<=0 then  leave lbl;  end if;  end loop lbl;  select str2;  select str3;  end $  delimiter ; |
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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] |
| drop procedure if exists pro1;  delimiter $  create procedure pro1()  begin  declare \_ename varchar(20);  declare \_job varchar(20);  declare str3 varchar(20);  declare str1 varchar(20);  declare str2 varchar(40);  declare x int default 0;  declare c1 cursor for select ename, job from emp;  open c1;  lbl:loop  fetch c1 into \_ename, \_job;  set str3= \_ename;  set x=length(str3);  set str1= (concat(substr(str3,1,1),'(',substr(str3,2,x-1),')'));  set str2= concat(str1, ' is [',\_job,']');  select str2;  end loop lbl;  close c1;  end $  delimiter ; |
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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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