**ADBMS assignment 3**

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**Write and implement PL/SQL functions.**

1. **Write a PL/SQL function to find the sum of the 1st 100 even numbers.**

create or replace function evenadd

return number

is

result number :=0;

begin

for num in 1..200 loop

IF mod(num,2)=0 then

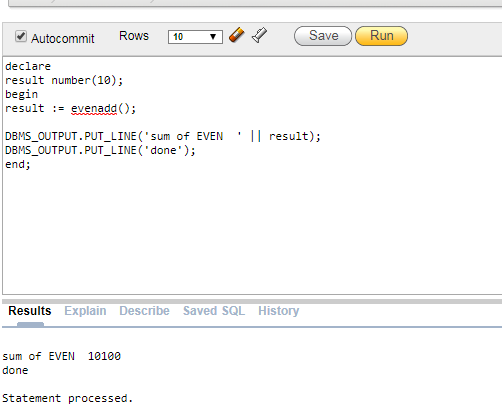
result := result+num;

END IF;

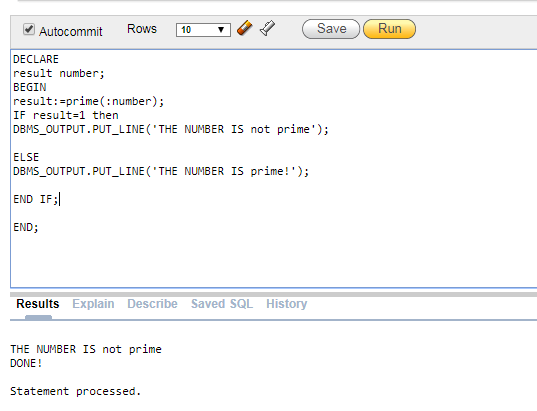
end loop;

return result;

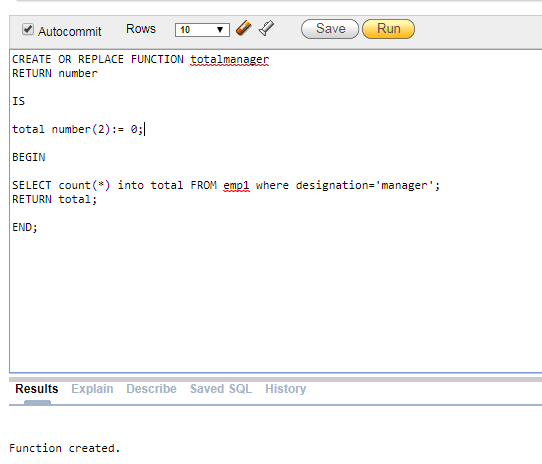
end;

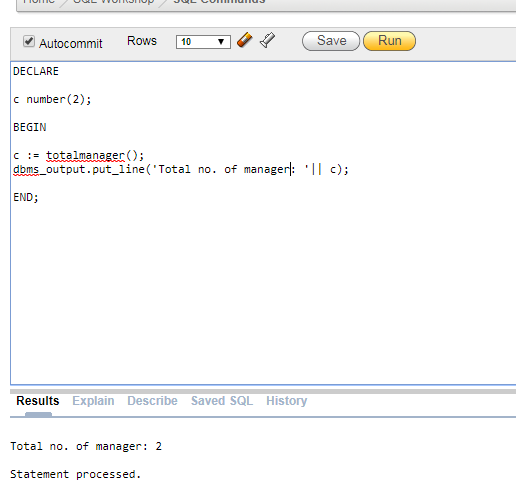
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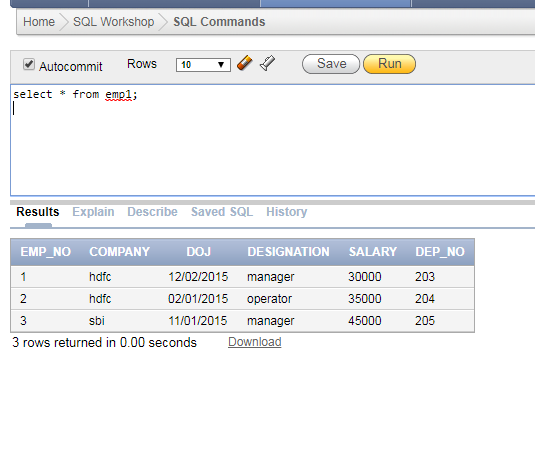
1. **Write a PL/SQL function to check if a number is prime or notices.**

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1. **Write PL/SQL function to find all the managers. Consider the schema Emp(Emp\_no, Company, DOJ, Designation, Salary, Dep\_No)**

create table emp1(emp\_no int , Company varchar2(10), DOJ date, Designation varchar2(10),Salary int, Dep\_No int,primary key(emp\_no)); insert into emp1(emp\_no , Company , DOJ , Designation,Salary , Dep\_No ) values(3, 'sbi','11/01/2015','manager',45000,205); ****

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1. **Create a function to find number of employees earning salary more than 10000 Rs.**

create or replace function emp\_sal

return number

is

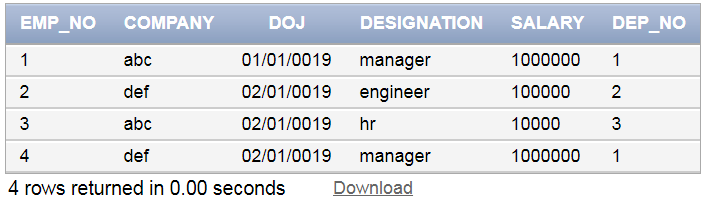
total number;

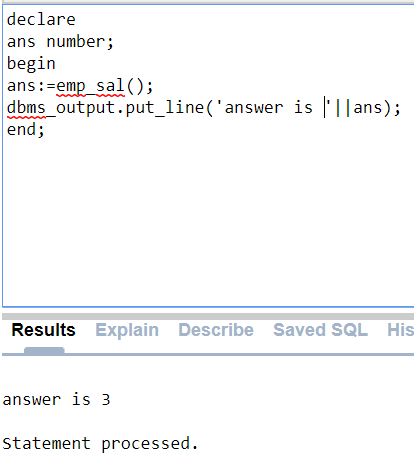
begin

select count(\*) into total from emp where salary>10000;

return total;

end;





1. **Write a PL/SQL function to display highest paid employee name.**

create or replace function emp\_maxSal

return number

is

total number;

begin

select emp\_no into total from emp where salary=(select max(salary) from emp);

return total;

end;

