declare

a number(2) :=&1;

ans number(5):=1;

begin

for i in 1..a

loop

ans:=ans\*i;

end loop;

dbms\_output.put\_line('Factorial of '||a||' is '||ans);

end;

/

SQL> set serveroutput on

SQL> declare

2 v\_name employee.name%type;

3 v\_salary employee.salary%type;

4 begin

5 for c in (select \* from employee where deptno not in ('5'))

6 loop

7 v\_name:=c.name;

8 v\_salary:=c.salary;

9 dbms\_output.put\_line(v\_name||' '||v\_salary);

10 end loop;

11 end;

12 /

set serveroutput on

declare

v\_name employee.name%type;

v\_salary employee.salary%type;

begin

for c in (select \* from employee where salary<6000)

loop

v\_name:=c.name;

v\_salary:=c.salary;

dbms\_output.put\_line(v\_name||' '||v\_salary);

end loop;

end;

/

set serveroutput on

declare

v\_name employee.name%type;

v\_salary employee.salary%type;

begin

for c in (select \* from employee where name like 'H%')

loop

v\_name:=c.name;

v\_salary:=c.salary;

dbms\_output.put\_line(v\_name||' '||v\_salary);

end loop;

end;

/

—------------------------------------------------------------------------

DAY -7 E

set serveroutput on

declare

v\_name employee.ename%type;

v\_job employee.job%type;

begin

select ename, job into v\_name, v\_job from employee where

job='Clerk' and salary='1700';

dbms\_output.put\_line(v\_name);

dbms\_output.put\_line(v\_job);

end;

/

set serveroutput on

declare

v\_job int;

begin

select count(job) into v\_job from employee where

job='Manager';

dbms\_output.put\_line(v\_job);

end;

/

set serveroutput on

declare

v\_salary int;

begin

select sum(salary) into v\_salary from employee;

dbms\_output.put\_line('Total salary is' ||' '|| v\_salary);

end;

/

Desirable:-

set serveroutput on

declare

v\_name employee.ename%type;

v\_salary employee.salary%type;

begin

select ename, salary into v\_name, v\_salary from employee where salary>70000;

dbms\_output.put\_line(v\_name);

dbms\_output.put\_line(v\_salary);

end;

/

set serveroutput on

declare

v\_job int;

begin

select count(salary) into v\_job from employee where

salary>20000;

dbms\_output.put\_line(v\_job ||' '||'Employees have more than 20000 salary');

end;

/

—------------------------------------------------------------------------

DAY8 E

set serveroutput on

declare

v\_fname employees.fname%type;

v\_job employees.job\_title%type;

v\_salary employees.salary%type;

v\_id employees.id%type:=&id;

begin

select fname, job\_title, salary into v\_fname, v\_job, v\_salary from employees where id=v\_id;

dbms\_output.put\_line(v\_fname);

dbms\_output.put\_line(v\_job);

dbms\_output.put\_line(v\_salary);

end;

/

set serveroutput on

declare

v\_fname employee1.fname%type;

v\_salary employee1.salary%type;

v\_id employee1.id%type;

v\_job employee1.job%type:='&job';

begin

for c in (select fname, id, salary into v\_fname, v\_id, v\_salary from employee1 where job=v\_job)

loop

v\_fname:=c.fname;

v\_id:=c.id;

v\_salary:=c.salary;

dbms\_output.put\_line(v\_fname);

dbms\_output.put\_line(v\_id);

dbms\_output.put\_line(v\_salary);

end loop;

end;

/

set serveroutput on

declare

v\_job employee1.job%type:='Staff';

begin

case v\_job

when 'CEO' then update employee1 set salary=salary+(salary\*0.01) where job='CEO';

when 'HR' then update employee1 set salary=salary+(salary\*0.02) where job='HR';

when 'CA' then update employee1 set salary=salary+(salary\*0.02) where job='CA';

else update employee1 set salary=salary+(salary\*0.08) where job not in ('CEO','HR','CA');

end case;

end;

/

set serveroutput on

declare

v\_job employee1.job%type:='&job';

begin

case v\_job

when 'CEO' then update employee1 set salary=salary+(salary\*0.01) where job='v\_job';

when 'HR' then update employee1 set salary=salary+(salary\*0.02) where job='v\_job';

when 'CA' then update employee1 set salary=salary+(salary\*0.02) where job='v\_job';

else update employee1 set salary=salary+(salary\*0.08) where job not in ('CEO','HR','CA');

end case;

end;

/

—----------------------------------------------

DAY 8 D

set serveroutput on

declare

grade varchar2(20):='&grade';

begin

case grade

when 'Sys' then dbms\_output.put\_line('Owner is Sys');

when 'System' then dbms\_output.put\_line('Owner is System');

when 'HR' then dbms\_output.put\_line('Owner is HR');

when 'SCOTT' then dbms\_output.put\_line('Owner is SCOTT');

else dbms\_output.put\_line('No Such Job');

end case;

end;

/

—----------------------------------------------------------------------------------------------------

DAY-9 E

Question 1)

set serveroutput on

declare

v\_id employees.id%type:= &id;

v\_salary employees.salary%type;

begin

select salary into v\_salary from employees where id=v\_id;

if(v\_salary>1000 and v\_salary<30000) then

dbms\_output.put\_line(v\_salary||' '||'is betweeen 1000 and 3000');

else

dbms\_output.put\_line(v\_salary||' '||'is not betweeen 1000 and 3000');

end if;

end;

/

Question 2)

set serveroutput on

declare

v\_count int;

v\_dept employee2.dept%type:='Manager';

begin

case v\_dept

when 'HR' then select count(dept) into v\_count from employee2 where dept='HR';

dbms\_output.put\_line(v\_count);

if(v\_count>3) then

update employee2 set salary=2000 where dept='HR';

end if;

when 'CEO' then select count(dept) into v\_count from employee2 where dept='CEO';

dbms\_output.put\_line(v\_count);

if(v\_count>3) then

update employee2 set salary=2000 where dept='CEO';

end if;

else dbms\_output.put\_line('No dept count greater than 3');

end case;

end;

/

—----------------------------------

Q2Esentical

SQL> set serveroutput on

declare

vdepartment employees.department%type;

begin

select count(department) into vdepartment from employees;

if vdepartment >= 3 then

update employees set salary=salary+1000 where vdepartment = 3;

else

dbms\_output.put\_line('no update');

end if;

end;

/

Essential(working)

declare

total number;

begin

update emp set salary=salary+1000 where dname in ( select dname from emp group by dname having count(\*)>2);

total:=sql%rowcount;

dbms\_output.put\_line('total no of rows updated:='||total);

end;

—---------------------------------