Code-

declare

cursor c\_emps is select first\_name,last\_name from employees;

v\_first\_name employees.first\_name%type;

v\_last\_name employees.last\_name%type;

begin

open c\_emps;

fetch c\_emps into v\_first\_name,v\_last\_name;

fetch c\_emps into v\_first\_name,v\_last\_name;

fetch c\_emps into v\_first\_name,v\_last\_name;

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

fetch c\_emps into v\_first\_name,v\_last\_name;

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

close c\_emps;

end;

Output-

Statement processed.

First3 Last3

First4 Last4

Code-

declare

type r\_emp is record ( v\_first\_name employees.first\_name%type,

v\_last\_name employees.last\_name%type);

v\_emp r\_emp;

cursor c\_emps is select first\_name,last\_name from employees;

begin

open c\_emps;

fetch c\_emps into v\_emp;

dbms\_output.put\_line(v\_emp.v\_first\_name|| ' ' || v\_emp.v\_last\_name);

close c\_emps;

end;

Output-

Statement processed.

First1 Last1

Code-

declare

v\_emp employees%rowtype;

cursor c\_emps is select first\_name,last\_name from employees;

begin

open c\_emps;

fetch c\_emps into v\_emp.first\_name,v\_emp.last\_name;

dbms\_output.put\_line(v\_emp.first\_name|| ' ' || v\_emp.last\_name);

close c\_emps;

end;

Output-

Statement processed.

First1 Last1

Code-

declare

cursor c\_emps is select first\_name,last\_name from employees;

v\_emp c\_emps%rowtype;

begin

open c\_emps;

fetch c\_emps into v\_emp.first\_name,v\_emp.last\_name;

dbms\_output.put\_line(v\_emp.first\_name|| ' ' || v\_emp.last\_name);

close c\_emps;

end;

Output-

Statement processed.

First1 Last1

Code-

declare

cursor c\_emps is select \* from employees where employee\_id = 2;

v\_emps c\_emps%rowtype;

begin

if not c\_emps%isopen then

open c\_emps;

dbms\_output.put\_line('hello');

end if;

dbms\_output.put\_line(c\_emps%rowcount);

fetch c\_emps into v\_emps;

dbms\_output.put\_line(c\_emps%rowcount);

dbms\_output.put\_line(c\_emps%rowcount);

fetch c\_emps into v\_emps;

dbms\_output.put\_line(c\_emps%rowcount);

close c\_emps;

open c\_emps;

loop

fetch c\_emps into v\_emps;

exit when c\_emps%notfound or c\_emps%rowcount>5;

dbms\_output.put\_line(c\_emps%rowcount|| ' ' ||v\_emps.first\_name|| ' ' ||v\_emps.last\_name);

end loop;

close c\_emps;

End;

Output-

Statement processed.

hello

0

1

1

1

1 First2 Last2