Code-

declare

v\_name varchar2(6);

begin

select first\_name into v\_name from employees where employee\_id = 50;

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

end;

Output-

ORA-01403: no data found ORA-06512: at line 4

ORA-06512: at "SYS.DBMS\_SQL", line 1721

Code-

declare

v\_name varchar2(6);

begin

select first\_name into v\_name from employees where employee\_id = 50;

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

exception

when no\_data\_found then

dbms\_output.put\_line('There is no employee with the selected id');

end;

Output-

Statement processed.

There is no employee with the selected id

Code-

declare

cannot\_update\_to\_null exception;

pragma exception\_init(cannot\_update\_to\_null,-01407);

begin

UPDATE employees\_copy set first\_name= null where employee\_id = 100;

exception

when cannot\_update\_to\_null then

dbms\_output.put\_line('You cannot update with a null value!');

end;

Output-

Statement processed.

Code-

declare

too\_high\_salary exception;

v\_salary\_check pls\_integer;

begin

select salary into v\_salary\_check from employees where employee\_id = 10;

if v\_salary\_check > 20000 then

raise too\_high\_salary;

end if;

--we do our business if the salary is under 2000

dbms\_output.put\_line('The salary is in an acceptable range');

exception

when too\_high\_salary then

dbms\_output.put\_line('This salary is too high. You need to decrease it.');

end;

Output-

Statement processed.

This salary is too high. You need to decrease it.

Code-

declare

too\_high\_salary exception;

v\_salary\_check pls\_integer;

begin

select salary into v\_salary\_check from employees where employee\_id = 10;

if v\_salary\_check > 20000 then

raise invalid\_number;

end if;

--we do our business if the salary is under 2000

dbms\_output.put\_line('The salary is in an acceptable range');

exception

when invalid\_number then

dbms\_output.put\_line('This salary is too high. You need to decrease it.');

end;

Output-

Statement processed.

This salary is too high. You need to decrease it.

Code-

declare

too\_high\_salary exception;

v\_salary\_check pls\_integer;

begin

select salary into v\_salary\_check from employees where employee\_id = 10;

if v\_salary\_check > 20000.00 then

raise invalid\_number;

end if;

--we do our business if the salary is under 2000

dbms\_output.put\_line('The salary is in an acceptable range');

exception

when invalid\_number then

dbms\_output.put\_line('This salary is too high. You need to decrease it.');

raise;

end;

Output-

ORA-01722: invalid number ORA-06512: at line 14

ORA-06512: at line 7

Code-

declare

too\_high\_salary exception;

v\_salary\_check pls\_integer;

begin

select salary into v\_salary\_check from employees where employee\_id = 10;

if v\_salary\_check > 20000 then

--raise too\_high\_salary;

raise\_application\_error(-20243,'The salary of the selected employee is too high!');

end if;

--we do our business if the salary is under 2000

dbms\_output.put\_line('The salary is in an acceptable range');

exception

when too\_high\_salary then

dbms\_output.put\_line('This salary is too high. You need to decrease it.');

end;

Output-

ORA-20243: The salary of the selected employee is too high! ORA-06512: at line 8