SQL> Declare

2 a number;

3 b number;

4 c number;

5 begin

6 a:=&a;

7 b:=&b;

8 c:=a/b;

9 dbms\_output.put\_line(c);

10 exception

11 when zero\_divide then

12 dbms\_output.put\_line('Divisor is zero');

13 end;

14 /

Enter value for a: 10

old 6: a:=&a;

new 6: a:=10;

Enter value for b: 2

old 7: b:=&b;

new 7: b:=2;

5

PL/SQL procedure successfully completed.

SQL> /

Enter value for a: 10

old 6: a:=&a;

new 6: a:=10;

Enter value for b: 0

old 7: b:=&b;

new 7: b:=0;

Divisor is zero

PL/SQL procedure successfully completed.

SQL> Declare

2 neid employees.employee\_id%type;

3 begin

4 select employee\_id into neid from employees where employee\_id=101;

5 dbms\_output.put\_line(neid);

6 exception

7

8 when no\_data\_found then

9 dbms\_output.put\_line('Data is not found');

10 end;

11 /

101

PL/SQL procedure successfully completed.

SQL> Declare

2 neid employees.employee\_id%type;

3 begin

4 select employee\_id into neid from employees where employee\_id=10;

5 dbms\_output.put\_line(neid);

6 exception

7 when no\_data\_found then

8 dbms\_output.put\_line('Data is not found');

9 end;

10 /

Data is not found

PL/SQL procedure successfully completed.

SQL> declare

2 stock\_price number:=9.73;

3 net\_earnings number:=0;

4 pe\_ratio number;

5 begin

6 pe\_ratio:=stock\_price/net\_earnings;

7 dbms\_output.put\_line('Price/earnings ratio='||pe\_ratio);

8 exception

9 when no\_data\_found then

10 dbms\_output.put\_line('Company had zero earnings.');

11 pe\_ratio:=NULL;

12 end;

13 /

declare

\*

ERROR at line 1:

ORA-01476: divisor is equal to zero

ORA-06512: at line 6

SQL> declare

2 stock\_price number:=9.73;

3 net\_earnings number:=4.5;

4 pe\_ratio number;

5 begin

6 pe\_ratio:=stock\_price/net\_earnings;

7 dbms\_output.put\_line('Price/earnings ratio='||pe\_ratio);

8 exception

9 when no\_data\_found then

10 dbms\_output.put\_line('Company had zero earnings.');

11 pe\_ratio:=NULL;

12 end;

13 /

Price/earnings ratio=2.16222222222222222222222222222222222222

PL/SQL procedure successfully completed.