DECLARE

v\_first\_name VARCHAR2(35);

v\_last\_name VARCHAR2(35);

BEGIN

SELECT first\_name, last\_name

INTO v\_first\_name, v\_last\_name

FROM student

WHERE student\_id = 123;

DBMS\_OUTPUT.PUT\_LINE ('Student name: '||v\_first\_name||' '||v\_last\_name);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE ('There is no student with '||­'student id 123');

END;

DECLARE

v\_name VARCHAR2(50);

v\_total NUMBER;

BEGIN

SELECT i.first\_name||' '||i.last\_name, COUNT(\*)

INTO v\_name, v\_total

FROM instructor i, section s

WHERE i.instructor\_id = s.instructor\_id

AND i.instructor\_id = 102

GROUP BY i.first\_name||' '||i.last\_name;

DBMS\_OUTPUT.PUT\_LINE

('Instructor '||v\_name||' teaches '||v\_total||' courses');

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE ('There is no such instructor');

END;

DECLARE

v\_first\_name VARCHAR2(35);

v\_last\_name VARCHAR2(35);

BEGIN

SELECT first\_name, last\_name

INTO v\_first\_name, v\_last\_name

FROM student

WHERE student\_id = 123;

DBMS\_OUTPUT.PUT\_LINE ('Student name: '||v\_first\_name||' '||v\_last\_name);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

‑DBMS\_OUTPUT.PUT\_LINE ('There is no student with '||'­student id 123');

END;

**.**

/

DECLARE

v\_student\_id NUMBER := &sv\_student\_id;

v\_first\_name VARCHAR2(35);

v\_last\_name VARCHAR2(35);

BEGIN

SELECT first\_name, last\_name

INTO v\_first\_name, v\_last\_name

FROM student

WHERE student\_id = v\_student\_id;

DBMS\_OUTPUT.PUT\_LINE ('Student name: '||v\_first\_name||' '||v\_last\_name);

EXCEPTION

WHEN NO\_DATA\_FOUND THEN

DBMS\_OUTPUT.PUT\_LINE ('There is no such student');

END;

BEGIN

DBMS\_OUTPUT.PUT\_LINE ('Today is '||'&sv\_day');

DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be '||'&sv\_day');

END;

**Enter value for sv\_day: Monday**

**old 2: DBMS\_OUTPUT.PUT\_LINE ('Today is '||'&sv\_day');**

**new 2: DBMS\_OUTPUT.PUT\_LINE ('Today is '||'Monday');**

**Enter value for sv\_day: Tuesday**

**‑old 3: DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be '||'&sv\_day');**

**‑new 3: DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be ­'||'Tuesday');**

**Today is Monday**

**Tomorrow will be Tuesday**

**PL/SQL procedure successfully completed.**

**SET VERIFY OFF;**

**Enter value for sv\_day: Monday**

**Enter value for sv\_day: Tuesday**

**Today is Monday**

**Tomorrow will be Tuesday**

**PL/SQL procedure successfully completed.**

BEGIN

DBMS\_OUTPUT.PUT\_LINE ('Today is '||'&&sv\_day');

DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be '||'&sv\_day');

END;

**Enter value for sv\_day: Monday**

**old 2: DBMS\_OUTPUT.PUT\_LINE ('Today is '||'&&sv\_day');**

**new 2: DBMS\_OUTPUT.PUT\_LINE ('Today is '||'Monday');**

**‑old 3: DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be '||'&sv\_day');**

**‑new 3: DBMS\_OUTPUT.PUT\_LINE ('Tomorrow will be ­'||'Monday');**

**Today is Monday**

**Tomorrow will be Monday**

**PL/SQL procedure successfully completed.**

-- ch01\_1a.sql, version 1.0

SET SERVEROUTPUT ON

DECLARE

v\_num NUMBER := &sv\_num;

v\_result NUMBER;

BEGIN

v\_result := POWER(v\_num, 2);

‑DBMS\_OUTPUT.PUT\_LINE ('The value of v\_result is: '||  
 v\_result);

END;

**Enter value for v\_num: 10**

**old 2: v\_num NUMBER := &sv\_num;**

**new 2: v\_num NUMBER := 10;**

**The value of v\_result is: 100**

**PL/SQL procedure successfully completed.**

-- ch01\_2a.sql, version 1.0

SET SERVEROUTPUT ON

DECLARE

v\_day VARCHAR2(20);

BEGIN

v\_day := TO\_CHAR(SYSDATE, 'Day');

DBMS\_OUTPUT.PUT\_LINE ('Today is '||v\_day);

END;

**Today is Friday**

**PL/SQL procedure successfully completed.**

-- ch01\_2b.sql, version 2.0

SET SERVEROUTPUT ON

DECLARE

v\_day VARCHAR2(20);

BEGIN

**v\_day := TO\_CHAR(SYSDATE, 'Day, HH24:MI');**

DBMS\_OUTPUT.PUT\_LINE ('Today is '|| v\_day);

END;

**Today is Sunday , 20:39**

**PL/SQL procedure successfully completed.**