

8-1: Creating Procedures

Vocabulary

- 1.Subprograms
- 2.IS/AS
- 3.Anonymous block
- 4.Procedures

Try It / Solve It

1.

Code sample B is a procedure that can be reused, unlike the anonymous block in code sample A

2.

-a subprogram allows you to reuse sections of code without having to retype it all

-easy maintenance

-improved performance,data security, data integrity

3.

A stored procedure is a set of sql statements that are given a set name and can receive parameters

4.

```
SELECT * from employees_dup where department_id=80;
```

5.

```
CREATE OR REPLACE PROCEDURE pay_raise IS BEGIN
```

```
UPDATE employees_dup SET salary=30000;
```

```
END pay_raise;
```

```
BEGIN pay_raise END;
```

```
SELECT * FROM employees_dep;
```

6.

Error at line 6: PLS-00103: Encountered the symbol "END"

7.

```
CREATE OR REPLACE PROCEDURE name_change IS BEGIN
```

```
UPDATE employees_dup SET first_name='Ruxi'; where department_id=80;
```

```
END name_change;
```

8.

```
CREATE OR REPLACE PROCEDURE new_sal IS
```

```
BEGIN
```

```
UPDATE employees_dup
```

```
SET salary = 1000
```

```
WHERE department_id = 80;
```

```
UPDATE employees_dup
```

```
SET salary = 2000
```

```
WHERE department_id = 50;
```

```
UPDATE employees_dup
```

SET salary = 3000

WHERE department_id NOT IN (80,50);

END new_sal;