Lab Create a Package

1. Create a package specification

CREATE OR REPLACE PACKAGE dfas\_get\_set

IS

PROCEDURE set\_record (p\_emp\_rec IN emp%ROWTYPE);

FUNCTION get record (p\_emp no IN NUMBER) RETURN emp%ROWTYPE;

END dfas\_get\_set:

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1. Create the package body

CREATE OR REPLACE PACKAGE BODY dfas\_get\_set

IS

PROCEDURE set\_record(p\_emp\_rec IN emp%ROWTYPE)

IS

PRAGMA AUTONOMOUS\_TRANSACTION;

BEGIN

INSERT INTO employees

VALUES(p\_emp\_rec.emp\_name,p\_emp\_rec.emp\_no; p\_emp\_rec.salary,p\_emp\_rec.manager);

COMMIT;

END set\_record;

FUNCTION get\_record(p\_emp\_no IN NUMBER)

RETURN emp%ROWTYPE

IS

l\_emp\_rec emp%ROWTYPE;

BEGIN

SELECT \* INTO l\_emp\_rec FROM employees where emp\_no=p\_emp\_no

RETURN l\_emp\_rec;

END get\_record;

BEGUN

dbms\_output.put\_line(‘Control is now executing the package initialization part');

END dfas\_get\_set:

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1. Invoke the package
   1. Select employee\_id from employees
   2. Select any employee\_id
   3. Exec dfas\_get\_set.set\_record(‘Use the employee\_id’ select from b