

Package Example

Package:

```
CREATE OR REPLACE PACKAGE pack
AS
    FUNCTION tmark(rno NUMBER) RETURN NUMBER;
    PROCEDURE grade(r in NUMBER);
END;
```

Package Body:

```
CREATE OR REPLACE PACKAGE BODY pack
AS
    FUNCTION tmark(rno NUMBER)
    RETURN NUMBER AS
        tx number;
        i fstudent%rowtype;
    BEGIN
        SELECT physics_mark, chemistry_mark, maths_mark INTO i.physics_mark, i.chemistry_mark,
i.maths_mark FROM fstudent WHERE reg_no=rno;
        tx:=i.physics_mark+i.chemistry_mark+i.maths_mark;
        return tx;
    END tmark;
    PROCEDURE grade(r in number)
    IS
        t number;
    BEGIN
        SELECT physics_mark+chemistry_mark+maths_mark INTO t FROM fstudent WHERE
reg_no=r;
        t:=t/150*100;
        dbms_output.put_line('Percentage: '||t);
        if t>=80 and t<=100
        then
            dbms_output.put_line('Grade: A');
        elsif t>=70 and t<80
        then
```

