1   Package

```
CREATE OR REPLACE PACKAGE SHOP.PACKAGESHOP AS
    TYPE CUR_TG IS REF CURSOR RETURN SHOP.TABLE_GOODS%ROWTYPE;
    TYPE CUR_TW IS REF CURSOR RETURN SHOP.TABLE_WAREHOUSES%ROWTYPE;
    TYPE CUR_TWL IS REF CURSOR RETURN SHOP.TABLE_WAYBILL%ROWTYPE;
    TYPE CUR_TI IS REF CURSOR RETURN SHOP.TABLE_INVENTORIES%ROWTYPE;
    TYPE CUR_TC IS REF CURSOR RETURN SHOP.TABLE_CATEGORY%ROWTYPE;
    TYPE CUR_TS IS REF CURSOR RETURN SHOP.TABLE_SUPPLIER%ROWTYPE;
    TYPE CUR_TAW IS REF CURSOR RETURN SHOP.TABLE_ADDRESS_W%ROWTYPE;
    PROCEDURE JSPWG(p1 OUT CUR_TG, p2 OUT CUR_TW, p3 OUT CUR_TWL);
    PROCEDURE JSPGW(p1 OUT CUR_TW, p2 OUT CUR_TG, p3 OUT CUR_TI);
    PROCEDURE JSPG(p1 OUT CUR_TG, p2 OUT CUR_TC, p3 OUT CUR_TS);
    PROCEDURE JSPWF(p1 OUT CUR_TAW, p2 OUT CUR_TW);
END;
/

CREATE OR REPLACE PACKAGE BODY SHOP.PACKAGESHOP AS

 PROCEDURE JSPWG(p1 OUT CUR_TG, p2 OUT CUR_TW, p3 OUT CUR_TWL) IS
  BEGIN
    COMMIT;
    SET TRANSACTION READ ONLY NAME 'SHOP.TABLE_GOODS,
                                    SHOP.TABLE_WAREHOUSES,
                                    SHOP.TABLE_WAYBILL';
    OPEN p1 FOR SELECT * FROM SHOP.TABLE_GOODS ORDER BY ID;
    OPEN p2 FOR SELECT * FROM SHOP.TABLE_WAREHOUSES ORDER BY ID;
    OPEN p3 FOR SELECT * FROM SHOP.TABLE_WAYBILL ORDER BY ID;
    COMMIT;
  END;

 PROCEDURE JSPGW(p1 OUT CUR_TW, p2 OUT CUR_TG, p3 OUT CUR_TI)
   IS
  BEGIN
    COMMIT;
    SET TRANSACTION READ ONLY NAME 'SHOP.TABLE_INVENTORIES,
                                    SHOP.TABLE_GOODS,
                                    SHOP.TABLE_WAREHOUSES';
    OPEN p1 FOR SELECT * FROM SHOP.TABLE_WAREHOUSES ORDER BY ID;
    OPEN p2 FOR SELECT * FROM SHOP.TABLE_GOODS ORDER BY ID;
    OPEN p3 FOR SELECT * FROM SHOP.TABLE_INVENTORIES ORDER BY WAREHOUSES_ID;
    COMMIT;
  END;

 PROCEDURE JSPG(p1 OUT CUR_TG, p2 OUT CUR_TC, p3 OUT CUR_TS)
   IS
  BEGIN
    COMMIT;
    SET TRANSACTION READ ONLY NAME 'SHOP.TABLE_GOODS,
                                    SHOP.TABLE_CATEGORY,
                                    SHOP.TABLE_SUPPLIER';
    OPEN p1 FOR SELECT * FROM SHOP.TABLE_GOODS ORDER BY ID;
    OPEN p2 FOR SELECT * FROM SHOP.TABLE_CATEGORY ORDER BY ID;
    OPEN p3 FOR SELECT * FROM SHOP.TABLE_SUPPLIER ORDER BY ID;
    COMMIT;
  END;

 PROCEDURE JSPWF(p1 OUT CUR_TAW, p2 OUT CUR_TW)
   IS
  BEGIN
    COMMIT;
    SET TRANSACTION READ ONLY NAME 'SHOP.TABLE_WAREHOUSES,
                                    SHOP.TABLE_ADDRESS_W';
    OPEN p1 FOR SELECT * FROM SHOP.TABLE_ADDRESS_W ORDER BY ID;
    OPEN p2 FOR SELECT * FROM SHOP.TABLE_WAREHOUSES ORDER BY ID;
    COMMIT;
  END;

END;
/
```