

Exercise Eight



8.1 Populate the SECTION_DETAILS table with the following values.

SD_SECTION_NUMBER	SD_SECTION_NAME	SD_SECTION_TYPE
100	Doors and Locks	Hardware
200	Bulbs and Blooms	Gardening
300	Earth and Manure	Gardening
400	Bricks and Mortar	Building

8.2 Query the table to check successful insertion. Commit the records.

8.3 Create a view called SECTION_DETAILS_GARDENING_VW which only selects records from the Section Type 'Gardening'.

8.4 Select records from SECTION_DETAILS_GARDENING_VW.

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8.5 Amend the SECTION_DETAILS table and add the following columns ...

```
SD_CREATED_DATE    DATE
SD_CREATED_BY      VARCHAR2(30)
```

8.6 Update the above columns, setting SD_CREATED_DATE to equal today's date, and SD_CREATED_BY to equal the current user (use sysdate and user variables).

8.7 Alter the SECTION_DETAILS table making the newly created columns mandatory.

8.8 Using SECTION_NO_SEQ sequence for sd_section_number, populate SECTION_DETAILS with a record for 'Tiles and Grout', SD_SECTION_TYPE of 'HARDWARE'

8.9. Change SECTION_DETAILS records with SD_SECTION_TYPE of 'HARDWARE' to 'DOMESTIC'



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8.10. Insert the following records into STOCK_INFORMATION using the sequence STOCK_INFORMATION_SEQ. Commit the records.

```
SI_STOCK_NUMBER - STOCK_INFORMATION_SEQ.NEXTVAL
SI_SECTION_NUMBER - 100
SI_STOCK_DESCRIPTION - 'Brass Handle'
SI_UNIT_PRICE - 12.99
SI_NO_IN_STOCK - 100
```

Repeat for the following values ...

SI_SECTION_ NUMBER	SI_STOCK_ DESCRIPTION	SI_UNIT_PRICE	SI_NO_IN_STOCK
100	Aluminium Handle	5.99	25
200	Hyacinths	2.99	1200
700	Toothpaste	1.50	100

Note: 700 should fail with a foreign key error.