



## Exercise Twelve

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12.1 Create a simple procedure to insert a new record into the Section\_Details table, call the procedure insert\_section, use the following values ...

Section Name = 'Bathrooms'

Section Type = 'Building' etc ...

Call insert\_section, then select from section\_details, save as ex12\_1.sql

```
+-----+-----+-----+-----+
| sd_section_number | sd_section_name | sd_section_type | sd_created_date | sd_created_by |
+-----+-----+-----+-----+
|           1 | Doors and Locks | Hardware        | 2017-06-01      | course_user% |
|           2 | Bulbs and Blooms | Domestic        | 2017-06-01      | course_user% |
|           3 | Earth and Manure | Domestic        | 2017-06-01      | course_user% |
|           4 | Bricks and Mortar | Building        | 2017-06-01      | course_user% |
|           5 | Bathrooms        | Building        | 2017-06-02      | course_user% |
+-----+-----+-----+-----+
```



## Exercise Twelve

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12.2 Amend ex12\_1.sql to accept parameters for the Section Name and Type, then  
Call the insert\_section procedure with the following

Call insert\_section('Roofing', 'Building')

Save as ex12\_2.sql

```
+-----+-----+-----+-----+-----+
| sd_section_number | sd_section_name | sd_section_type | sd_created_date | sd_created_by |
+-----+-----+-----+-----+-----+
|          1 | Doors and Locks | Hardware        | 2017-06-01      | course_user% |
|          2 | Bulbs and Blooms | Domestic        | 2017-06-01      | course_user% |
|          3 | Earth and Manure | Domestic        | 2017-06-01      | course_user% |
|          4 | Bricks and Mortar | Building        | 2017-06-01      | course_user% |
|          5 | Bathrooms         | Building        | 2017-06-02      | course_user% |
|          6 | Roofing           | Building        | 2017-06-02      | course_user% |
+-----+-----+-----+-----+-----+
```



## Exercise Twelve

12.3 Amend ex12\_2.sql to write the last\_insert\_id into a new global variable called @section\_id

call insert\_section('Windows', 'Building')  
save as ex12\_3.sql

```
+-----+-----+-----+-----+
| sd_section_number | sd_section_name | sd_section_type | sd_created_date | sd_created_by |
+-----+-----+-----+-----+
|          1 | Doors and Locks | Hardware        | 2017-06-01      | course_user% |
|          2 | Bulbs and Blooms | Domestic        | 2017-06-01      | course_user% |
|          3 | Earth and Manure | Domestic        | 2017-06-01      | course_user% |
|          4 | Bricks and Mortar | Building        | 2017-06-01      | course_user% |
|          5 | Bathrooms        | Building        | 2017-06-02      | course_user% |
|          6 | Roofing          | Building        | 2017-06-02      | course_user% |
|          7 | Windows          | Building        | 2017-06-02      | course_user% |
+-----+-----+-----+-----+

+-----+
| @section_id |
+-----+
|          7 |
+-----+
```



## Exercise Twelve

12.4 **If there is sufficient time.** Create a new procedure called `insert_stock`, within this Procedure create an insert statement into the `Stock_Information` table, use the value in the `@section_id` for the Section, run the following calls ... (save as `ex12_4.sql`)

```
call insert_stock('Glazing Unit', 50.75, 100);
call insert_stock('Locking Handle', 25.40, 67);
call insert_stock('Screw set', 1.99, 2345);
```

```
+-----+-----+-----+-----+-----+
| si_stock_number | si_section_number | si_stock_name  | si_stock_price | si_stock_in_hand |
+-----+-----+-----+-----+-----+
|          5 |          1 | Brass Handle  | 12.99          |          100 |
|          6 |          1 | Aluminium Handle | 5.99          |           25 |
|          7 |          2 | Hyacinths     | 2.99           |         1200 |
|          8 |          7 | Glazing Unit  | 50.75          |          100 |
|          9 |          7 | Locking Handle | 25.40          |           67 |
|         10 |          7 | Screw set     | 1.99           |         2345 |
+-----+-----+-----+-----+-----+
```