



Exercise Twelve

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

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             |  
+-----+-----+-----+-----+-----+
```