



## Exercise Five

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5.1 Create a combined Compound trigger which fires for Insert, Delete and Update for the store\_locations table.

Perform the following ...

- a. For the After statement, print a summation of the number of locations in the table, breaking it down into the various location types.
- b. For the Before statement, if the 'action' is deletion then prevent it.
- c. For the Before Each Row statement, make sure the
  - i. Location Type is H, R, D, S only
  - ii. Telephone number is numeric characters only
  - iii. Parent Location ID is present in the table and is not a store type ('S')
  - iv. The Location Name is not already in existence
  - v. Even if supplied, change the Location Id to be one more than currently in the table

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5.1 continued ...

d. For the After Each Row statement, create one with null action

Save as ex5\_1.sql. Test using the following SQL ...

```
insert into store_locations values (1000, 'JERSEY', 'ST HELIERS PORT, JERSEY', 1,  
4476578473901, 'S', user, sysdate, null, null);
```

*HQ 1*

*Division 3*

*Region 5*

*Store 53*

*1 row created.*