Coding Challenges: Triggers

Triggers

Challenge I

Create a trigger to prevent the deletion of `Accounts` with `Contacts`.

Challenge II

Create a trigger to set a default value for `Email` on `Contacts` that are inserted without one.

Challenge III

Create a trigger to create a new related `Contact` when an `Account` is inserted.

Challenge IV

Create a trigger to update the phone field of the related `Account` when a `Contact's` phone field is updated. The `Account` and `Contact` should end up having the same value in their phone fields.

Elite Challenge I

Universal Containers has recently had some issues with `Contacts` being inserted with duplicate phone numbers by accident. A developer has recently cleaned all `Contacts` from having duplicate phone numbers, but they want you to make sure this doesn't happen in the future. Use a trigger to solve the above problem.

Elite Challenge II

Universal Containers has recently had some issues with `Cases` that they need solving. Their first issue is that `Cases` are being created with their `Status` not set to New. All new `Cases` should have New as their `Status`. Their second issue is that support representatives are forgetting to change the `Status` to Working, but are adding in

`Internal Comments`. Make sure that whenever the `Internal Comments` are updated, the `Status` is also changed to Working if it's New.

Elite Challenge III

Universal Containers always uses the Installation: Portable Product for all of their `Orders`. Make it so that this `Product` is automatically added to a new `Order` if it's not already there.