

Module Name: ***Apex Basics & Database***

**Tasks after the class**

**Trailhead modules:**

* <https://trailhead.salesforce.com/en/content/learn/modules/apex_database>

**Training Materials:**

* <https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_defining.htm>
* <https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_keywords_sharing.htm>
* <https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_annotation.htm>
* <https://developer.salesforce.com/docs/atlas.en-us.apexcode.meta/apexcode/apex_classes_java_diffs.htm>
* <https://developer.salesforce.com/page/Apex_Code_Best_Practices>
* <https://developer.salesforce.com/docs/atlas.en-us.soql_sosl.meta/soql_sosl/sforce_api_calls_soql.htm>

**Practically-focused task:**

1. Create apex class that can be lunched from Flow or Process Builder (for Account).
2. Apex class should make next logic: When new Account is created, create new Task object with Subject “Negotiations with {Account.Name}”, link created Account with this Task.
3. If Account is updated and Account has more than 3 Tasks => assign all Tasks to one User (random active User)
4. Create example Flow or Process Builder to show Apex call.
5. Collect all code in remote git repository for review