

SPPU-TE-COMP-CONTENT – KSKA Git

Q1. Explain the features of Apex.

Ans. Apex is a strongly typed, object-oriented programming language developed by Salesforce, used to add custom logic and business rules to the Salesforce platform, enabling developers to execute flow and transaction control statements.

→ Object oriented:

- Apex syntax mirrors popular languages like Java, making it easy for experienced coders to learn and use.

→ Data focused:

- Apex is designed to execute multiple queries and Data Manipulation Language (DML) statements simultaneously, making it efficient for data-intensive tasks.

→ Strongly typed:

- Apex is strongly typed language, meaning that data types must be explicitly declared, which helps prevent errors.

→ Integrated support:

- Apex has built-in support for DML operations (INSERT, UPDATE, DELETE) and DML exception handling.

→ SOQL:

- Apex uses SOQL (Salesforce Object Query Language), a query language similar to SQL, to select records from the Salesforce database.

Q2. What is Salesforce and list use of it as well.

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Ans. • Salesforce is a cloud-based ~~com~~ customer relationship management (CRM) platform that helps businesses manage sales, marketing, service, and commerce operations, enabling them to connect with customers and improve customer relationships.

→ ~~Set~~ Usage:-

1. Customer Relationship Management (CRM) platform:-
• Salesforce is a CRM platform, meaning it's designed to help businesses manage and organize their interactions with customers.

2. Cloud-based:-

• Unlike traditional software, Salesforce is a cloud-based platform, meaning it's accessed through the internet rather than being installed on physical servers.

3. Integrated platform:-

• Salesforce provides a suite of applications that work together, allowing businesses to manage their

4. Focus on Customer success:-

• Salesforce's core mission is to help businesses build strong, lasting relationships with their customers.

5. Sales forecasting

• Salesforce provides tools for sales team to forecast sales accurately, helping them set realistic goals and manage resources effectively.

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ANS- To Develop Apex, get a Developer Edition account, write and test your code.

We recommend the following process for developing Apex:

1. Choose a Salesforce Org for Apex Development.
 2. Learn more about Apex
 3. Write your Apex
 4. While writing Apex, you should also be writing tests
 5. Optionally deploy your Apex to a sandbox organization and do Final Unit tests.
 6. Deploy your apex to your Salesforce production Organization
- In Addition, to deploying your Apex, once it is written and tested, we can also add classes and triggers to a AppExchange App Package.

(Diagram):-

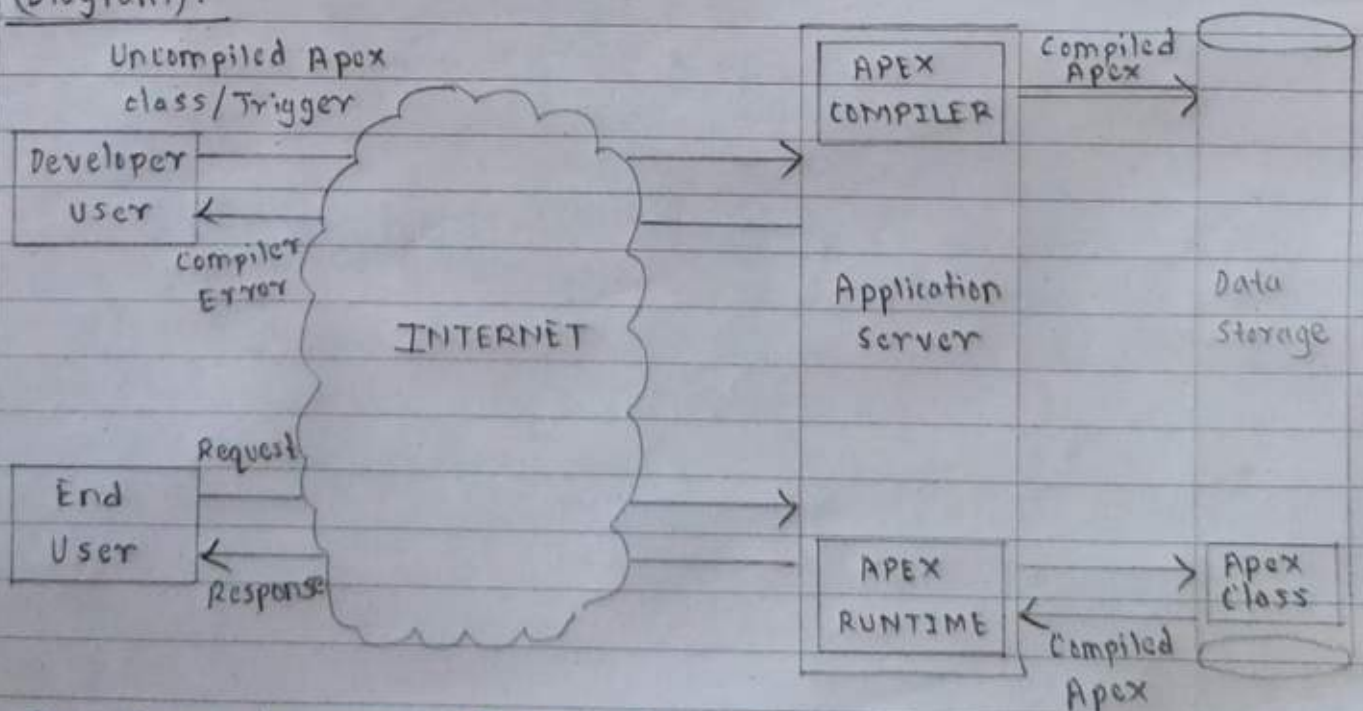


Fig: Apex is compiled, stored and run entirely on the Lightning Platform.