Assignment 02: Understanding Key API and Software Concepts

Write a short note (note exceeding 2 lines) on the following topic:

* API
* SDK
* Web APIs
* Library APIs
* Prompting and Completion

| **Term** | **Description** |
| --- | --- |
| **API** | A set of protocols that allows different software applications to communicate. |
| **SDK** | A collection of tools, libraries, and documentation for building software applications. |
| **Web APIs** | APIs accessed over the web using HTTP protocols, enabling client-server communication. |
| **Library APIs** | Pre-built functions and procedures provided by libraries for common tasks. |
| **Prompting and Completion** | **Prompting** is the input to an AI model, while **Completion** is the model's generated response based on the input. |

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