**Week 10: Integrate CRUD APIs with Front End**

1. **What is an API?**
   * Application Programming Interface.
2. **How can you make an HTTP POST request using Fetch?**
   * fetch(url, { method: 'POST', body: JSON.stringify(data) }).
3. **What is the purpose of the GET method?**
   * To retrieve data from a server.
4. **How do you handle JSON data in JavaScript?**
   * Using JSON.parse() and JSON.stringify().
5. **What is CORS?**
   * Cross-Origin Resource Sharing; it allows restricted resources on a web page to be requested from another domain.
6. **How do you update data using PUT requests?**
   * Similar to POST, but generally used for updating existing resources.
7. **What is the difference between synchronous and asynchronous requests?**
   * Synchronous blocks the execution; asynchronous allows other code to run.
8. **How do you handle errors when making API calls?**
   * Using .catch() method for Promises.
9. **What is a RESTful API?**
   * An API that adheres to REST architecture principles.
10. **What is the purpose of headers in API requests?**
    * To provide metadata such as content type and authentication.