



Working with JSON



JSON is JavaScript Object Notation

- A text-based format for exchanging data between a server and a client (or between systems).
- Very similar to **JavaScript objects**, but it is text (**string**) when sent or received.
- Widely used in **Web APIs** because it is lightweight and easy to parse.

Example:

```
{  
  "name": "Ahmed Ali",  
  "age": 28,  
  "title": "Software Engineer",  
  "departmentId": "D101",  
  "salary": 1200,  
  "workingHours": "40 hrs/week"  
}
```

- convert JSON text into a JavaScript object -JSON.parse().
- convert a JavaScript object into JSON text -JSON.stringify()
- automatically parses JSON response into JS object -fetch().json().

