

# JavaScript Object vs JSON - Quick Notes

## Comparison Table

Feature	JavaScript Object	JSON (JavaScript Object Notation)
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Purpose	Data used in JS	Data interchange format
(string)		
Data Type	Object	String
Key Quotes	Not required	Required ("double quotes")
String Quotes	'single' or "double"	Only "double" allowed
Supports Functions, Comments	Yes	No
Can Store Methods	Yes	No
Conversion Tool	N/A	JSON.parse(), JSON.stringify()

## JavaScript Object Example

```
const user = {
  name: 'Manoj',
  age: 30,
  greet: function() {
    console.log("Hello!");
  }
};

console.log(user.name); // Output: Manoj
user.greet();           // Output: Hello!
```

## JSON String Example

```
const jsonString = `{
  "name": "Manoj",
  "age": 30
}`;

const user = JSON.parse(jsonString);
console.log(user.name); // Output: Manoj
```

## Conversion Summary

JavaScript Object to JSON String:

```
JSON.stringify(user)
```

JSON String to JavaScript Object:

```
JSON.parse(jsonString)
```