





JSON cheatsheet

Getting Started

```
Introduction
designed for human-readable data interchange

    JSON stands for JavaScript Object Notation

    JSON is easy to read and write.

    JSON is language agnostic data-interchange format

    JSON filename extension is . ison

    JSON Internet Media type is application/json
```

```
Examples
```

```
Double precision floating-point
                 Series of characters
                      true or false
          Ordered sequence of values
     String, Number, Boolean, null etc
Unordered collection of key/value pairs
                        Null or Empty
```

```
String
                    Double quote
                        Backslash
                    Forward slash
                       Backspace
                       Form feed
                         Newline
                   Carriage return
                             Tab
          Trailed by four hex digits
 Examples
Invalid String
```

```
Digits 1-9, 0 and positive or negative
                                  Fractions like 0.3, 3.9
                         Exponent like e, e+, e-, E, E+, E
                       Examples
                    Invalid Number
In JSON you can use only Decimal Literals
```

```
Objects
```

```
Array of objects
```

Object of objects

```
Arrays
Begins with [ and ends with ]
```

```
2D Array
```

```
Object of arrays
```

```
Nested
```

Access JSON in JavaScript

```
Access Object
let myObject = {
```

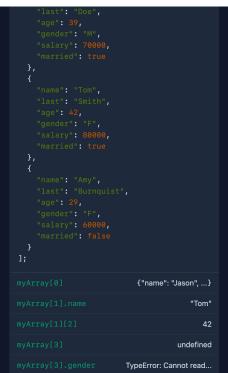
```
Access Nested
myObject = {
```

```
Access Array of Objects
let myArray = [
```

```
"last": 1,
    "age": 2,
    "gender": 3,
    "salary": 4,
    "married": 5
},

"jdoe": [
    "Jason",
    "Doe",
    39,
    "M",
    70000,
    true
],
    "jsmith": [
    "Tom",
    "Smith",
    42,
    "F",
    80000,
    true
]
};

myObject.ref.age
2
myObject["ref"]["age"]
2
myObject.jdoe
["Jason", "Doe", 39 ...]
myObject[]
undefined
```



Also see

JSON (json.org)
JSON Editor Online (jsoneditoronline.org)
Convert JSON Array to Markdown Table, CSV and mor
(tableconvert.com)

