

JSON and Data Manipulation

Tejas Nayak - 4MW23CS173

Convert JSON Text to JavaScript Object

```
{"name": "Tejas Nayak", "usn": "4MW23CS173", "age": 20, "city": "Udupi"}
```

Convert to Object

```
{
  "name": "Tejas Nayak",
  "usn": "4MW23CS173",
  "age": 20,
  "city": "Udupi"
}
```

Convert JSON Date Text to JavaScript Date Object

```
{"date": "2025-09-16"}
```

Convert to Date

Date Object: Tue Sep 16 2025 05:30:00 GMT+0530 (India Standard Time)

Convert JSON to CSV and CSV to JSON

```
[
  {"name": "Tejas Nayak", "age": 20, "city": "Udupi"},
  {"name": "Swasthik Yesh", "age": 20, "city": "Manipal"},
  {"name": "Seetharama", "age": 20, "city": "Belman"}
]
```

JSON to CSV

```
name,age,city
Tejas Nayak,20,Udupi
Swasthik Yesh,20,Manipal
Seetharama,20,Belman
```

```
name,age,city
Tejas Nayak,20,Udupi
Swasthik Yesh,20,Manipal
Seetharama,20,Belman
```

CSV to JSON

```
[
  {
    "name": "Tejas Nayak",
    "age": "20",
    "city": "Udupi"
  },
  {
    "name": "Swasthik Yesh",
    "age": "20",
    "city": "Manipal"
  },
  {
    "name": "Seetharama",
    "age": "20",
    "city": "Belman"
  }
]
```

Create Hash from String

```
hello world
```

Generate Hash

Hash: b94d27b9934d3e08a52e52d7da7dabfac484efe37a5380ee9088f7ace2efcde9