

## Thanvi D Acharya (4MW23CS174)

### JSON and Manipulation

#### Convert JSON Text to JavaScript Object

```
{"name": "Tanvi", "age": 20, "city": "Udupi"}
```

Convert to Object

```
{
  "name": "Tanvi",
  "age": 20,
  "city": "Udupi"
}
```

#### Convert JSON Date Text to JavaScript Date Object

```
{"date": "2023-10-01"}
```

Convert to Date

```
Date Object : Sun Oct 01 2023 05:30:00 GMT+0530 (India Standard Time)
```

#### Convert JSON to CSV and CSV to JSON

```
[{"name": "Tanvi", "age": 20, "city": "Kinimulki"}, {"name": "Swarna", "age": 20, "city": "Bantakal"}, {"name": "Swasthi", "age": 20, "city": "Parkala"}]
```

JSON to CSV

```
name,age,city
Tanvi,20,Kinimulki
Swarna,20,Bantakal
Swasthi,20,Parkala
```

```
name, age, city
Tanvi,20,Kinimulki
Swarna,20,Bantakal
```

Convert CSV to JSON

```
[
  {
    "name": "Tanvi",
    "age": "20",
    "city": "Kinimulki"
  },
  {
    "name": "Swarna",
    "age": "20",
    "city": "Bantakal"
  },
  {
    "name": "Swasthi",
    "age": "20",
    "city": "Parkala"
  }
]
```

#### Create Hash from String

```
Hi Hello
```

Generate Hash

```
Hash: 5d1e392755244f9b38c8d45d2a61ca332bc8c0515973815236460daf6d91995d
```