

# 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