Nandan Naik - 4MW24CS402

JSON and Data Manipulation

Convert JSON Text to JavaScript Object

```
{"name": "Nandan", "age": 25, "city": "Udupi"}
```

Convert to Object

```
{
  "name": "Nandan",
  "age": 25,
  "city": "Udupi"
}
```

Convert JSON Date Text to JavaScript Date Object

```
{"date":"2025-08-16"}
```

Convert to Date

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

Convert JSON to CSV and CSV to JSON

```
[{"name": "Nandan", "age": 25, "city": "Udupi"}, {"name": "Amit", "age": 28,
"city": "Mangalore"}, {"name": "Sathyendra", "age": 24, "city": "Bangalore"}]
```

JSON to CSV

```
name,age,city
Nandan,25,Udupi
Amit,28,Mangalore
Sathyendra,24,Bangalore
```

```
name,age,city
Nandan,25,Udupi
Amit,28,Mangalore
Sathyendra,24,Bangalore
```

CSV to JSON

```
[
  {
    "name": "Nandan",
    "age": "25",
    "city": "Udupi"
  },
  {
    "name": "Amit",
    "age": "28",
    "city": "Mangalore"
  },
  {
    "name": "Sathyendra",
    "age": "24",
    "city": "Bangalore"
  }
]
```

Create Hash from String

```
Nandan Naik
```

Generate Hash

Hash: a2d3c516113b4a6370e1f08e2b3dbb6b2c5547824f9e76033fdb2e78179014dc