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4MW23CS170

JSON and Data manipulation

Convert JSON text to Javascript object

```
{ "NAME ": "Swasthi ", "age ": 19, "place ": "Udupi " }
```

Convert to object

```
{  
  "NAME ": "Swasthi ",  
  "age ": 19,  
  "place ": "Udupi "  
}
```

Convert JSON date to Javascript date object

```
{ "date": "2025-11-06" }
```

Convert to object

Date object:Thu Nov 06 2025 05:30:00 GMT+0530 (India Standard Time)

Convert JSON to CSV to CSV to JSON

```
[{"NAME ": "Swasthi ", "age ": 19, "place ": "Udupi " },  
{"NAME ": "yumi ", "age ": 20, "place ": "Manipal " },  
{"NAME ": "shami ", "age ": 21, "place ": "Udupi " }]
```

Json to CSV

```
NAME ,age ,place  
Swasthi ,19,Udupi  
yumi ,20,Manipal  
shami ,21,Udupi
```

```
Swasthi ,19,Udupi  
yumi ,20,Manipal  
shami ,21,Udupi
```

CSV to JSON

```
[  
  {  
    "NAME ": "Swasthi ",  
    "age ": "19",  
    "place ": "Udupi "  
  },  
  {  
    "NAME ": "yumi ",  
    "age ": "20",  
    "place ": "Manipal "  
  },  
  {  
    "NAME ": "shami ",  
    "age ": "21",  
    "place ": "Udupi "  
  }  
]
```

Create Hash from String

```
Hi Hello
```

generate Hash

Hash:5e74e52fa7c7e64f485da8220c8a9b735e57c4860cd7ee6d5cf6f5071d8293fa