# Finding System Date and Time

This lesson will guide you through getting system date and time in your desired format.

## date

### Definition:

The `date` commandis used to print out or change system time and date.
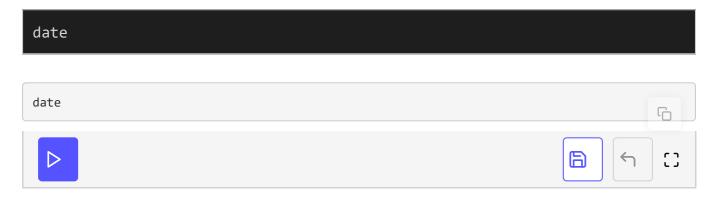
### Syntax:

```
date [+FORMAT]
```

### Format:

| Format Sequence | Description |
|---|---|
| %a | The abbreviated weekday name (e.g., Mon). |
| &A | The full weekday name (e.g., Monday). |
| %b | The abbreviated month name (e.g., Feb). |
| %B | The full month name (e.g., February). |
| %c | The date and time (e.g., Fri Feb 6 21:45:39 2018). |
| %d | Day of month (e.g., 04) |

| | | |
|---|---|---|
| %D | | Date; same as %m/%d/%y. |
| %F | | Full date; same as %Y-%m-%d. |

## Example:

- To get system time and date:

```
date
```

```
date
```

- To set system time and date to **July 01, 2018, 03:15 PM**:

```
date -s "07/01/2018 03:15:00"
```

- To get date in the format *year-month-day hour:minute:second* from `date`:

```
date '+%Y-%m-%d %H:%M:%S'
```

```
date '+%Y-%m-%d %H:%M:%S'
```

- To get the output in the following format:

```
date '+DATE: %m/%d/%y%nTIME: %H:%M:%S'
```

```
date '+DATE: %m/%d/%y%nTIME: %H:%M:%S'
```