

07

Pipes

WHAT YOU WILL LEARN

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WHAT IS PIPE & BUILT-IN

1. Pipe is used to transform the input data into output desired format
2. Built in pipes - we use them in templates
3. We can use multiple pipes in the template on elements
4. Syntax is

`<div> {{ <input_data> | <name_of_pipe> }} </div>`

5. Built-In Pipes which are readily available for us to use

lowercase

- > saving usernames/email_address
- > lowercase

uppercase

- > currency
- > Airport Codes

date

- > by default Mon, dd, yyyy

json

- > I use this specially for debug purpose
- > showing `<code>`

currency

- > by default uses dollar symbol \$

percent

- > by Default is rounding to near by integer
- > multiple by 100 and add % symbol

Parametrized pipes

1. Pipes can accept 1 or more parameters
 - > conditions/filters/specific data based on which data will be transformed
2. Some of the built in pipes which accept parameters are:
 - currency
 - date
 - 'MMM-dd-yyyy'
 - 'short'
 - 'long'
 - percent
 - | percent : <minimumBeforeDecial>.<miniumDecialNumbers>-<maxDecimalNumbers>
3. Syntax for writing parameter pipes
 - {{ <data_input> | <pipe_name> : <parameter> }}

Chaining pipes

- Using multiple pipes on a data input is called as Chaining Pipes
- We can pass one or more pipes to a data input
 - `{{ dob | date | uppercase }}`