

Pipes

Q.1) What is Pipes in Angular ?

- The Angular pipes are used to transform the data.
- Angular pipes takes data as input and format/transform the data to display in the template.
- Using pipes we can change the appearance of the data before presenting it to the user.
- Most common use of pipes is to display the Dates and Currency in correct format.

Q.2) What is the Syntax of Pipes ?

- Expression | pipeOperator[:pipeArguments]
- **Expression** → is the expression, which you want to transform
- **|** → is the Pipe Character
- **pipeOperator** → name of the Pipe
- **pipeArguments** → arguments to the Pipe

Q.3) How many types of Pipes have in Angular ?

- There are two types of Pipes
- **Inbuilt Pipes :**
 - Date → to show data in current date
date_expression | date[:format]
 - Uppercase → to convert data to uppercase
expression | uppercase
 - Lowercase → to convert data to lowercase
expression | lowercase
 - Currency → to show data in currency format
expression | currency : 'INR'
 - Json → to show data in Json format
expression | json
 - Async → get data from the server without subscribe it using AsyncPipes , work with promises also.
expression | Async
- **Custom Pipes:** we can create our own Pipes and perform operation on elements.
 - To create custom pipe use **ng g p pipeName**.
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