

1. What are the advantages of using angular Filters?

Ans:

- 1) It's a simple feature in angular framework and filters are more convenient.
- 2) Helps in formatting and processing data in the view.
- 3) Can be used with in Controllers or services.
- 4) Angular framework allows user to create custom filters to reuse throughout the solution.

2. What is the syntax for applying filter containing N number of arguments?

Ans: {{ expression | filter :arg1:arg2:arg3:.....argN}}

3. Syntax for using multiple filters

Ans: {{expression | filter1 | filter2 | filter3}}

4. How to create custom Filters?

Ans:

```
app.filter('YourFilterName', function () {  
  return function () {  
    return;  
  };  
});
```

5. What are the disadvantages of angular filters?

Ans:

- 1) Poorly written filter function can cause performance issues.
- 2) Filters triggers for many times.
- 3) Syntax to pass arguments and chaining of filters can also be a bit confusing.

6. Explain order by filter using arguments with example

Ans: Returns an array containing the items from the specified collection, ordered by a comparator function based on the values computed using the expression predicate.

Ex: Display the students ordered by age in descending order.

```
<ul ng-repeat="stud in studs | orderBy:'-age'">  
  <li>{{stud.name}} - {{stud.age}}</li>
```

``

7. Name some of the built-in filters available in AngularJS?

Ans: uppercase, lowercase, orderBy: 'Field', currency, number : digitsAfterDecimal, filter : model, date : format, json: spaces

8. What are state full Filters?

Ans: Filters that are marked as \$stateful are executed on each \$digest cycle and the execution of stateful filters cannot be optimized by angular which often leads to performance issues.

No angular core filters are \$stateful by default. In case if we need to write a stateful filter, you have to mark the filter as \$stateful, which means that it will be executed one or more times during the each \$digest cycle.

Write `filter.value.$stateful = true;` in the custom filter function to enable stateful property true.