

## Q12 - Number of Filter Instances [3]

Consider the following Deployment Descriptor code snippet:

```
<filter>
  <filter-name>MyFilter 1</filter-name>
  <filter-class>com.nullhaus.MyFilter</filter-class>
</filter>

<filter>
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  <filter-class>com.nullhaus.MyFilter</filter-class>
</filter>

<!-- rest of entries -->
```

Knowing that the `com.nullhaus.MyFilter` is a valid Filter class, the above snippet is the only filter-related DD part and that there aren't any annotations related to the filter configuration, how many filter instances will be created by the Servlet container?

- a. 1
- b. 2
- c. Deployment Descriptor is invalid and the runtime exception will be thrown

Hide answer

**c**

**Explanation:** There **can't be a duplication of filter name** in the Deployment Descriptor. There is no difference if the filter class is different or not.