Aggregation framework cont’d

$\textit{skip stage operator}$

$\textit{skip}$ stage operator skips the specified number of documents that pass into the stage and passes the remaining documents to the next stage in the pipeline. $\textit{skip}$ has no effect on the content of the documents it passes along the pipeline.

**Syntax**

\[
\{ \textit{$\textit{skip}$: <positive integer>} \}
\]

Where,

- **positive integer** specifies the maximum number of documents to skip to be passed with $\textit{skip}$ stage operator.

**Example**

Consider the result collection having 4 documents:

- If we want to skip first 3 records of result collection, then the command will be

  \[
  \text{db.result.aggregate(\{ \textit{$\textit{skip}$ : 3 } \})}
  \]

  This operation skips the first 3 documents passed to it by the pipeline:
If we want to skip only the first records of result collection, then the command will be:

```javascript
db.result.aggregate( { $skip : 1 })
```

This operation skips the first documents passed to it by the pipeline:

$limit stage operator

$limit stage operator returns the first N documents, where N is the specified limit and these output documents may be passed to the next stage in the pipeline.

**Syntax**

```
{ $limit: <positive integer> }
```

Where,

- positive integer specifies the maximum number of documents to be passed, i.e. no of documents for next stage in the pipeline.

**Example**

Consider the result collection having 4 documents:
• If we want to pass only first 3 records of the result collection, then the command will be

```javascript
db.result.aggregate( { $limit : 3 })
```

The above command will pass only top 3 documents.

• If we want to pass only first 2 records of the result collection, then the command will be

```javascript
db.result.aggregate( { $limit : 2 })
```

• If we want to pass only first 6 documents of the result collection, then the command will be

```javascript
db.result.aggregate( { $limit : 6 })
```

but if the collection is not having the specified documents, then all the documents available in the collection will be passed, no Error will be displayed. Here there are 4 documents which are passed:
Assignments

1. What do you mean by Skip stage operator? Explain.
2. How limit stage operator is used in aggregation?