

**Error boundaries:**

Error Boundaries basically provide some sort of boundaries or checks on errors, They are React components that are used to handle JavaScript errors in their child component tree.

React components that catch JavaScript errors anywhere in their child component tree, log those errors, and display a fallback UI. It catches errors during rendering, in lifecycle methods, etc

**Working Principle:**Error Boundary works almost similar to catch in JavaScript.

Suppose an error is encountered then what happens is as soon as there is a broken JavaScript part in Rendering or Lifecycle Methods, It tries to find the nearest Error Boundaries Tag.

Error boundary component will catch javascript errors anywhere in their child component tree and display a fallback UI

EX:

```
<ErrorBoundary>
```

```
    <ComponentA/>----->(child comp)
```

```
</ErrorBoundary>
```

<ErrorBoundary> is not an react inbuilt importing component