Component Lifecycle :

→ **Mounting** : Created & inserted into DOM.

→ **Updating** : Re-rendering when prop or state is changed.

→ **Unmounting** : Component removed from Dom.

→ **Error Handling**: Error in rendering, lifecycle, constructor.

⇒ **MOUNTING**: const, static getDerivedStateFromProps, render, componentDidMount.

⇒ **UPDATING**: static getDerivedStateFromProps, shouldComponentUpdated, render, getSnapshotBeforeUpdate, componentDidUpdate.

⇒ **UNMOUNTING**. componentWillUnmount

=> MOUNTING LIFECYCLE :

1) | CONSTRUCTOR |

- Binding event handlers
- Do not cause side effects.
  Eg: HTTP Req, overwriting this.state.

2) | static getDerivedStateFromProps (props , state) |

↳ set the state

Do not cause side effects.

3) | render ( ) |

→ Only put JSX. No axios calls allowed.

4) | componentDidMount ( ) |

↳ Interact with axios or Dom.

=> Update ;

1) ⟨ const ( ) |

2) | shouldComponentUpdate (nextProps , nextState |

3) | getSnapshotBeforeUpdate (prevProps , prevState) |

3) $\boxed{getSnapshotBeforeUpdate(prevProps, prevState)}$

4) $\boxed{render()}$

5) $\boxed{componentDidUpdate()}$