**Notes of class components and other notes:**

**Questions if any.**

**When to use state?**

We use State when we want anything to change it self dynamically without re-loade the page.

rce : To add class bases componenet from the snippet.

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**Tutorial : 26**

**Propes in class based component**

// we need to use props in class based components.

    let {title, description, imageUrl, newsUrl} = this.props;

this is how we can use props which are sent from another file. This is newsitems.js file which got the props from News.js.

How can we use props.

<h5 className="card-title">{title}</h5>

<p className="card-text">{description}</p>

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**State in class based components**

this.state = {

        articles: this.articles,

        loading: false

      }

Here this .aricles is a varible declaired before.

If this variable is a dictionary then we can loop through it using map function. We can use same map function in class based components also.

Example is as following.

{this.state.articles.map((ele) => {

            return <div className="col-md-4 my-3">

              {/\* we are passing props, of json that are related to ele to the item card \*/}

              <NewsItem key={ele.url} title={ele.title} description={ele.description} imageUrl={ele.urlToImage} newsUrl="Todo"/>

          </div>

          })}

Here arrow funcition is created to get each and one element with map function.