### Class 4 React Style & Component Package.json ka Role

* Jab hum package.json file kisi ko share karte hain, to isme sari **library definitions + unka version** likha hota hai.
* Is file ki help se **node\_modules** wapas install kiya ja sakta hai.
* Agar package.json na ho, to React JS ka project **run** nahi karega.

**App.js kya hai?**

* App.js ko hum **root component** kehte hain.
* Ye starting point hota hai hamare React application ka.

**Component kya hota hai?**

* React me component ek **external JavaScript file** hoti hai.
* Is file me aap mostly **Markup (HTML/JSX)** likhte ho.
* Ye ek **function** hota hai jo JSX return karta hai.

**Q) Component kyun banate hain?**

1. Apne kaam ko **chhote-chhote parts me divide** kar sakte hain.
2. Kam **jaldi aur asaani** se hota hai.
3. Code me **security issues kam** hote hain.
4. Future me agar hume code **scale** karna ho to asaani hoti hai.
5. Team me kaam karte waqt **har developer apna alag component** bana sakta hai — code clash nahi hota.

**🚫 Agar component ka concept na hota:**

* To **poora project ek hi file me hota**, aur agar kisi team member ne kuch galat modify kar diya to puri app affect hoti.
* Code secure nahi rehta.
* Project ko grow karna mushkil ho jata.