* Component:

Header

Root component (Main component)

Index.html

footer

Note: In react root component is known as or named as app component.

Components are like functions that return HTML elements.

Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML.

* Components come in two types:

1. Class components
2. Function Components

A function component in React is a simpler way to create components using JavaScript functions rather than classes. Function components are easy to read and write, and they work well with React hooks, allowing you to manage state and lifecycle events in a functional style.

EX: function App()

{

return (

<div>

<h1>Ankita</h1>

<p>Hello</p>

</div>

)

}

export default App;

explanation:

create a function with same js file name

// return <h1>something</h1> for single element

in this function write return keyword which will return only one statement for more statements we will use div inside return with braces

to access or import this function at last we will use export default with function name.

* Component inside root component

Header.js

Function Header()

{

Return <h1> Hello AP</h1>

// here also you can add component

}

export default Header;

App.js

Import Header from “./component/Header.js” 🡪path

Function App()

{

return(

<div>

<Header></Header>

</div>

)

}

There is another way to export component

One is with default and another one is

Export const header= function Header()

{ rest of the code}