# Usage of array in react js

const books = [

  {

    img: "https://m.media-amazon.com/images/I/816HBXHJsaL.\_AC\_UY218\_.jpg",

    title: "React.js Book: Learning React JavaScript Library From Scratch",

    author: "Greg Sidelnikov",

  },

  {

    img: "https://m.media-amazon.com/images/I/71vlPquePfL.\_AC\_UL320\_.jpg",

    title: "Pro C# 7: With .NET and .NET Core",

    author: "Andrew Troelsen",

  },

];

function BookList() {

  return (

    <section className="bookList">

      {books.map((book) => {

        console.log(book);

        const { img, title, author } = book;

        return <Book img={img} title={title} author={author} />;

      })}

    </section>

  );

}

const Book = ({ img, title, author }) => {

  return (

    <article className="book">

      <img src={img} alt="book"></img>

      <h1>{title}</h1>

      <h4>{author}</h4>

    </article>

  );

};

# Another method of how to use array in react

function BookList() {

  return (

    <section className="bookList">

      {books.map((book) => {

        return <Book book={book} />;

      })}

    </section>

  );

}

const Book = (props) => {

  const { img, title, author } = props.book;

  return (

    <article className="book">

      <img src={img} alt="book"></img>

      <h1>{title}</h1>

      <h4>{author}</h4>

    </article>

  );

};

# Usage of key property and spread operator:

function BookList() {

  return (

    <section className="bookList">

      {books.map((book) => {

        return <Book key={book.id} {...book} />; //usage of spread operator

      })}

    </section>

  );

}

const Book = ({ img, title, author }) => {

  //console.log(props);

  //const { img, title, author } = props;

  return (

    <article className="book">

      <img src={img} alt="book"></img>

      <h1>{title}</h1>

      <h4>{author}</h4>

    </article>

  );

};