Task 1: Display Today's Date

src/TodayDate.js

```javascript
import React from "react";

function TodayDate() {
  const today = new Date().toLocaleDateString(); // Get current date

  return (
    <div>
      <h2>Today's Date:</h2>
      <p>{today}</p>
    </div>
  );
}

export default TodayDate;
```

Task 2: Display a Random Quote

src/RandomQuote.js

```javascript
import React from "react";

function RandomQuote() {
  const quotes = [
    "The best way to predict the future is to invent it.",
    "Do what you can, with what you have, where you are.",
    "Success is not final, failure is not fatal: it is the courage to continue that
counts."
  ];

  const randomIndex = Math.floor(Math.random() * quotes.length);
  const randomQuote = quotes[randomIndex];

  return (
    <div>
      <h2>Random Quote:</h2>
      <p>"{randomQuote}"</p>
    </div>
  );
}

export default RandomQuote;
```

Task 3: Display the Result of a Math Operation

src/MathResult.js

```javascript
import React from "react";

function MathResult() {
  const num1 = 10;
  const num2 = 20;
  const sum = num1 + num2;

  return (
    <div>
      <h2>Math Result:</h2>
      <p>{num1} + {num2} = {sum}</p>
    </div>
  );
```

```
}

export default MathResult;
```

Task 4: Display the Word Count of a Paragraph

src/WordCount.js

```
import React from "react";

function WordCount() {
  const paragraph =
    "JavaScript is a powerful language for building interactive web applications.";
  const wordCount = paragraph.split(" ").length;

  return (
    <div>
      <h2>Word Count:</h2>
      <p>"{paragraph}"</p>
      <p>Word Count: {wordCount}</p>
    </div>
  );
}

export default WordCount;
```

Task 5: Calculate and Display the Product of Two Numbers

src/ProductResult.js

```
import React from "react";

function ProductResult() {
  const num1 = 5;
  const num2 = 8;
  const product = num1 * num2;

  return (
    <div>
      <h2>Product Result:</h2>
      <p>{num1} × {num2} = {product}</p>
    </div>
  );
}

export default ProductResult;
```

Combine Everything in App.js

src/App.js

```
import React from "react";
import TodayDate from "./TodayDate";
import RandomQuote from "./RandomQuote";
import MathResult from "./MathResult";
import WordCount from "./WordCount";
import ProductResult from "./ProductResult";

function App() {
```

```
  return (
    <div>
      <TodayDate />
      <RandomQuote />
      <MathResult />
      <WordCount />
      <ProductResult />
    </div>
  );
}

export default App;
```

Step 7: Render Everything in `index.js`

src/index.js

```
import React from "react";
import ReactDOM from "react-dom";
import App from "./App";

ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
  document.getElementById("root")
);
```