React: Data Massaging

React – Data Massaging

The following exercise contains the following subjects:

- useState
- Props
- Data massaging

Instructions

We created the same data massaging exercise in vanilla Javascript. This time we will implement it in React. Create a file called data.js put our data array inside it and export it to our relevant component.

This is our data (next page):

```javascript
const data = [
  {
    name: "John",
    birthday: "1-1-1995",
    favoriteFoods: {
      meats: ["hamburgers", "sausages"],
      fish: ["salmon", "pike"],
    },
  },
  {
    name: "Mark",
    birthday: "10-5-1980",
    favoriteFoods: {
    meats: ["hamburgers", "steak", "lamb"],
    fish: ["tuna", "salmon", "barracuda"],
    },
  },
  {
    name: "Mary",
    birthday: "1-10-1977",
    favoriteFoods: {
      meats: ["ham", "chicken"],
      fish: ["pike"],
    },
  },
  {
    name: "Thomas",
    birthday: "1-10-1990",
    favoriteFoods: {
    meats: ["bird", "rooster"],
    fish: ["salmon"],
    },
  },
  {
   name: "Mary",
   birthday: "1-10-1977",
   favoriteFoods: {
   meats: ["hamburgers", "lamb"],
   fish: ["anchovies", "tuna"],
   },
  },
];
```

1. Export the data array to the relevant component.
2. Create utility functions that will massage the data.
   - Create a function that returns an array of all the names from the object.
   - Create a function that returns all the objects that are born before 1990.

3. Save the modified data to the state.
4. Create a Name component that you will pass via props the names and print them on the screen.
5. Create a Card component that you will pass via props the objects before 1990 and print them on the screen.
   - which includes their name, birthday, favorite meats, and favorite fish foods.