Rakuten Frontend Internship Question

What is the output of the code below?

```javascript
const main = function () {
  console.log("A");
  setTimeout(function () {
    console.log("B");
  }, 1000);
  console.log("C");
};
main();
```

Select one answer
1. A B C
2. B A C
3. A C
4. A C B

What is the output of the code below?

```javascript
import React, { useState, useEffect } from "react";

export default function App() {
  const [count, setCount] = useState(10);

  useEffect(
    function () {
      setCount(count * 0.5);
    },
    []
  );
  return <div className="hello-">Your counter is: {count}</div>;
}
```

Select one answer

1. Your counter is: 0
2. Your counter is: 10
3. Your counter is: 5
4. Your counter is: 20

React Coding Exercise

Create a React component rendering the following screen design.

The answer can be sent as a link to GitHub, CodeSandbox, or any other similar tool, or you can provide the response in a text file by email.
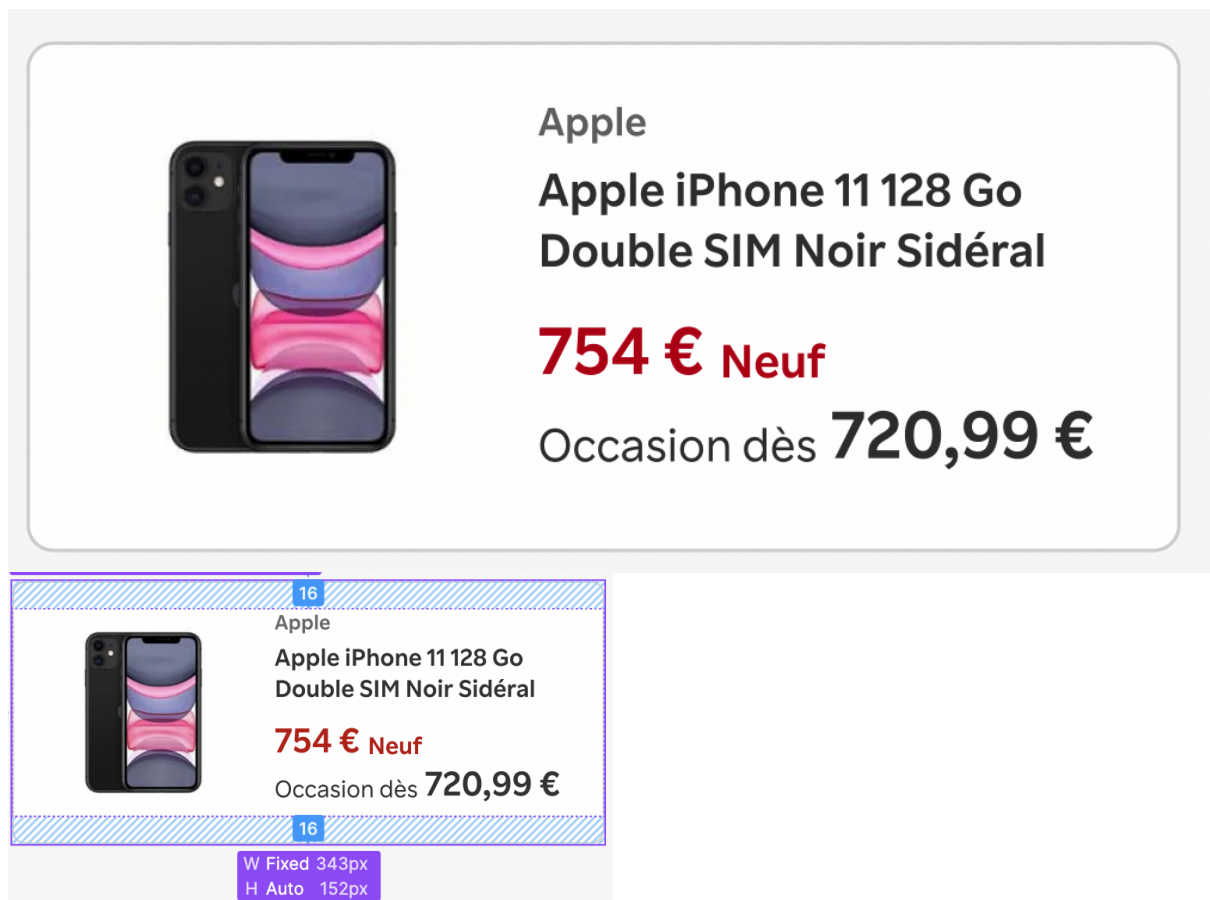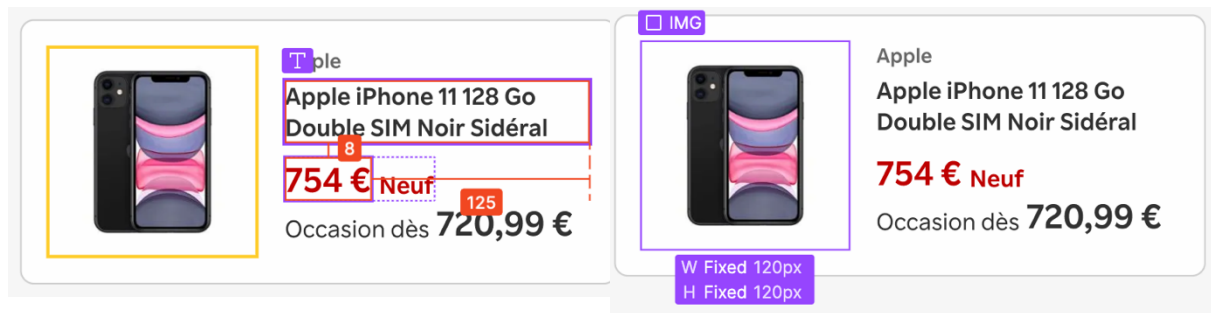
Requirements:
- Implement the visual design.
- You can use any CSS solution or component library you like. At Rakuten, we base many of our React components on MUI.

Bonus Points:
- Use TypeScript for the React part.
- Implement a responsive design.
- Ensure that components do not render if data is missing.
- Write tests for the React component.

Visual Desing and Figma messurments:

Example data:

Assue you the following json containing the data

{
  "brand": "Apple",
  "href": "/mfp/9623007/apple-iphone-15?pid=11517874360",
  "title": "Apple iPhone 11 128 Go Double SIM Noir Sidéral",
  "newPrice": "754 €",
  "usedPrice": "720,99 €",
  "image": "https://fr.shopping.rakuten.com/photo/4075345048_ML_NOPAD.jpg"
}

Colors:

- Text #333
- Brand: #696969
- NewPrice: #BF0000

Font size:

- Text: 14px
- Brand: 12px
- Price: 20px