**Rakuten Frontend Internship Question**

**What is the output of the code below?**

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?**

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](https://mui.com/).

**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:**

A cell phone with price tag

Description automatically generated

A cell phone with a price tag

Description automatically generated

A cell phone with price tag

Description automatically generatedA cell phone with a price tag

Description automatically generated

**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