2. 2. Conditional Operators

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```jsx
      {/* Conditional Operators */}
      <h5>Question 6: Difference between && vs ||</h5>
    </div>
  );
}
```

```jsx
const LogicalAnd = () => {
  let x = 5;
  let y = 10;

  if (x > 0 && y > 0) {
    return <span>Both are greater than 0</span>;
  } else return <></>;
};

const LogicalOr = () => {
  let isRaining = false;
  let isSunny = true;
  if (isRaining || isSunny|| isSnowy) {
    return <span>It's either raining or sunny (or both)!</span>;
  } else <></>;
};

const root = ReactDOM.createRoot(document.getElementById("root"));
root.render(<App />);
```

```jsx
      <h5>Question 7: Difference between .? vs ?? </h5>
      <OptionalChaining/>
    </div>
  );
}

const OptionalChaining = () => {
  let user = {
    name: "John",
    address: {
      city: "New York",
    },
  };

  return <p>{user.address.city}</p>;
};
```

OP : New York

Optional Chanining:

```jsx
const OptionalChaining = () => {
  let user = {
```

```
    name: "John",
    // address: {
    //   city: "New York",
    // },
  };

  return <p>{user?.address?.city}</p>;
};
```

If something inside User then render address, if something inside address only then render city,
Hence nothing is rendered nor any OP is displayed

```
const NullishCoalescing = () => {
  let userInput = null;
  let defaultValue = "Hello, default value!";

  return <p>{userInput ?? defaultValue}</p>;
};
```

OP : Hello Default value