

ReactJS Practice Question Set 11

Instructions:

1. Do these questions in a React JS template editor. You can use React JS CodeSandbox or React JS REPL.
2. This set is about practicing useReducer in React.
3. You can make use of methods such as .map(), .filter(), .reduce(), .length, .toLowerCase(), .toUpperCase(), .push, .includes wherever needed.
4. Do NOT use for-loops.

Question:

Make a product listing page with following functionalities and implement all of them using useReducer:

Initial product listing has been done: <https://codesandbox.io/s/usereducer-infinity-wars-iwvvo>

1. Implement Search by name. Create an input field and a button for this. If the item names include the the user input, show all those data on the DOM.
2. Implement sorting by Price. Create and use Radio input element for this.
 1. High to Low
 2. Low to High
3. Create and use checkbox to filter out-of-stock products.
4. Create and use checkbox to filter out products with fast delivery.
5. Make use of fieldset HTML tag to enclose Sort By and Filter control. ****

Output:

Search:

Search By Name

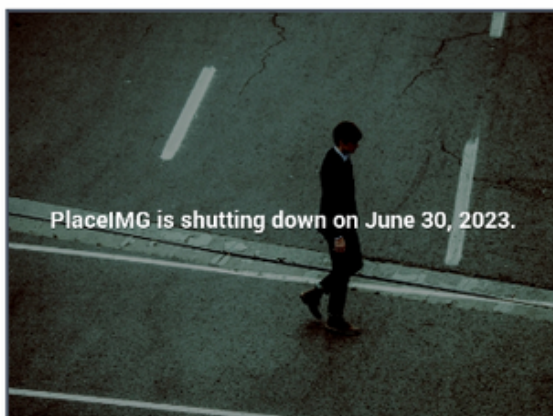
Search Data

Sort By

☐ Price - High to Low ☐ Price - Low to High

Filters

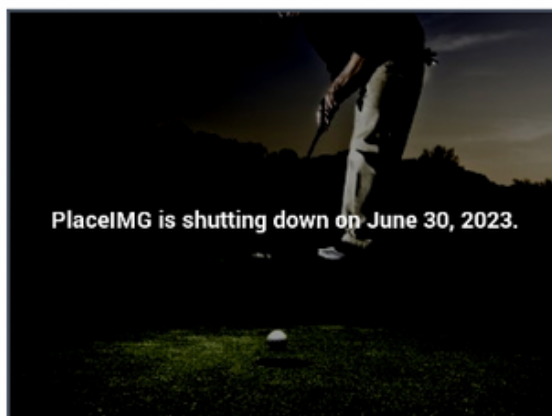
☒ Include Out of Stock ☐ Fast Delivery Only



PlaceIMG is shutting down on June 30, 2023.

Generic Concrete Table

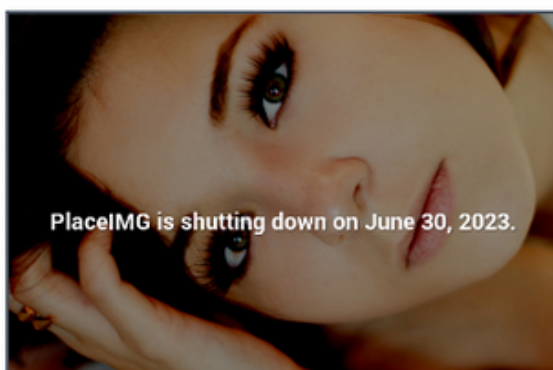
Rs. 84.00
In Stock
intermediate
3 days minimum



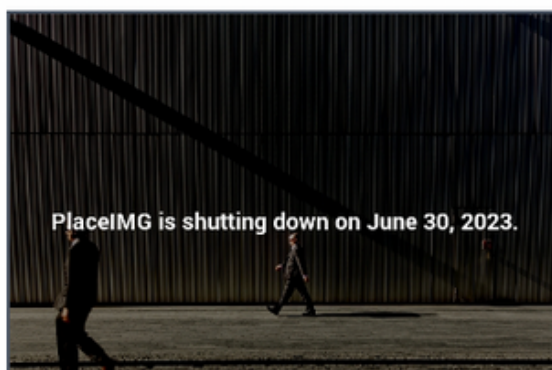
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Tasty Granite Hat

Rs. 624.00
Out of Stock
professional
3 days minimum



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