# JavaScript & Next.js Fresher Interview - Practical Tasks

This document contains sample practical tasks for fresher-level frontend interviews focusing only on JavaScript and Next.js.

## JavaScript Practical Tasks

* Form Validation: Create a form with name, email, and password fields. Validate name is not empty, email format is valid, and password length is at least 6 characters. Show error messages below fields.
* To-Do List: Add new tasks, mark tasks as complete, delete tasks, and store tasks in localStorage so they persist after page refresh.
* Array & Object Manipulation: Given an array of objects (students), filter students whose marks > 50, then sort them alphabetically by name.
* Fetch API Data (Vanilla JS): Fetch JSON from https://jsonplaceholder.typicode.com/users and display the names in a list.

## Next.js Practical Tasks

* Static Pages with Routing: Create pages /about and /contact with a navbar using Link from next/link.
* Dynamic Routing: Create /blog/[id] page that shows the id from URL using useRouter.
* API Data Fetching: Use getStaticProps to fetch posts from https://jsonplaceholder.typicode.com/posts and display them in a list. Clicking a post should open /posts/[id] page using getStaticPaths.
* Search Functionality: Create a search bar that filters posts as the user types (client-side filtering).
* Responsive Layout: Create a 2-column layout on desktop and a 1-column layout on mobile (using Tailwind CSS if allowed).

## Example Fresher-Level Practical Test

Build a blog list page in Next.js that:  
1. Fetches posts from https://jsonplaceholder.typicode.com/posts using getStaticProps.  
2. Shows only the first 10 posts.  
3. Has a search bar to filter posts by title.  
4. Clicking on a post takes you to /posts/[id] page using getStaticPaths + getStaticProps.