startTransition

- Marking state updates as transitions, which allow React to prioritize necessary state updates.

- Updates wrapped in startTransition are handled as non-urgent and will be interrupted if more urgent updates like clicks or key presses come in.

- Today, we use debouncing and throttling to handle many scenarios, that can potentially be replaced by startTransition.

```javascript
import { startTransition } from 'react';

// Urgent: Show what was typed
setInputValue(input);

// Mark any state updates inside as transitions
startTransition(() => {
  // Transition: Show the results
  setSearchQuery(input);
});
```