











## Set 4 : useState Hook & CSS Styling






 Made for developers who love a little humor with their syntax!

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 Level: Basic to Intermediate

1. Create a "Meme Counter" – every click adds 1 to " memes viewed". Bonus: Add "Stop it bro" when it hits 10 
  2. Create a "Secret Word" revealer. Click to show a hidden word. ("Psst! It's banana )
  3. Make a "Mood Button" that toggles between " Meh" and " Yay!"
  4. Build a "Login/Logout" button. Show "You're logged in" or "Please log in" accordingly.
  5. Show a joke on click from a jokes array. (No API. Just pre-store 5 dad jokes!)
  6. Create a "Random Number" generator on button click (1-100). Optional: Say "you lucky champ  " if it's over 90.
  7. Create a fake "Download" button. Click once → show "Downloading..." → disable it.
  8. Create a "Number Doubler" button. Start from 1, double it on each click. Warning: You'll hit 1024 real fast 
  9. Create a "Counter with Reset" – +, –, and Reset buttons.
  10. Add a "Show Birthday Message" button. Display "Happy Birthday  " on click.
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 Logic Enhancers

1. Build a "Score Tracker". Score starts from 0, +5 per click. Show "Winner  " at 50.
2. Create a 3-button quiz. On correct click, show "Correct!  ". Else: "Nope  "
3. Create a "Show/Hide Bio" section. One button toggles visibility.
4. Toggle between " Ice Mode" and " Fire Mode" with a theme switcher.

5. Create a "Checkbox Counter" – count how many boxes are checked.
  6. Create a calculator that adds two input values.
  7. Create a "Vote Counter" with 👍 and 👎 buttons. Show result dynamically.
  8. Create a "Yes/No" generator – click button to randomly show "Yes" or "No".
  9. Create a form with name/email. Show live preview below.
  10. Click to toggle a quote box with different quotes every time.
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### Interactive Toggles


1. "Mystery Button" → Random message on each click ("Hello", "Hmm?", "Stop clicking me!")
  2. Create a "Progress Tracker". Show 10% → 100% with clicks.
  3. "Secret Unlocker" – show hidden emoji after 5 clicks. 🤖 Secret: 🐱
  4. Simple light bulb (💡) component – click to turn ON/OFF.
  5. Form validation (only check if inputs are not empty before submission)
  6. Make a small password input with a show/hide toggle.
  7. Make a component where two buttons control two different boxes.
  8. Text case toggler – uppercase/lowercase button for a static paragraph.
  9. Input field that shows character count live.
  10. Create a basic stopwatch (just Start & Reset – no interval needed).
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### Feedback / UI Focus

1. Button with "Copied!" tooltip on click (use `useState` to simulate it).
2. Show "Typing..." when user types in an input box.
3. Show live word count from a textarea.

4. Create a list of students and highlight the selected one.
  5. Create a toggleable FAQ box.
  6. Create a progress bar that increases on every click.
  7. Change emoji reaction based on how many times clicked.
  8. Create a switcher between 2 languages (Hello / Namaste).
  9. Form with radio buttons to pick a color and show preview.
  10. Create a component that logs each button click count on screen.
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### Slightly Smart Logic

1. Temperature converter (C  F) with input fields.
  2. Create a BMI calculator with 2 inputs (weight/height).
  3. Create a quiz component with a question, 3 options, and result.
  4. Voting poll: select one choice, lock answer on submit.
  5. Simple rating component: click on 1-5 stars, display rating.
  6. On button click, shuffle and display an emoji from an array.
  7. Create a random quote selector with button.
  8. On every click, rotate the button (rotate 45deg).
  9. Make a simple stepper (Next/Prev) between 3 steps.
  10. Create a "Reaction Counter" component: Like, Love, Laugh, each tracked separately.
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 IMPORTANT NOTE: When using `useState`, make sure you don't directly mutate values.  Correct: `setCount(count + 1)`  Wrong: `count++`

 Dev Joke #1:



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## CSS + React Ideas

1. Card with hover effect (lift + shadow).
2. Change button color on hover.
3. Toggle theme and switch between dark and light background.
4. Image with border that changes on hover.
5. Add transition to a div that expands on click.
6. Button with hover scale + smooth transition.
7. Paragraph text color changes on hover (from gray to black).
8. Gallery layout – 3 images in flexbox.
9. Tabs component with active tab highlighted.
10. List items change background on hover.
11. Toggle active state with a colored border.
12. Card with circle avatar, name, and hover effect on card.
13. Dropdown menu that appears on click (toggle with state).
14. Input field with border that turns green on focus.
15. Buttons with different colors and shared CSS class.
16. Toggle class name to apply `.active` style.
17. Floating effect on hover (transform: translateY).
18. Checkbox styled with custom icon.
19. Clickable emoji picker: click to select, highlight selected one.
20. Image with grayscale that becomes colored on hover.

21. Add "disabled" effect (opacity: 0.5) to inactive buttons.
  22. User status dot (green for online, red for offline) using CSS classes.
  23. Avatar zoom-in on hover.
  24. Scrollable container with fixed height and overflow scroll.
  25. Notification badge styled using absolute positioning.
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## React + CSS Combined

1. Switch with circle toggle left/right.
2. Live character limit with changing color (red when limit reached).
3. Step progress bar (filled based on current step).
4. Live hover preview for selected color (click = select).
5. Box that shows "Copied!" for 1 second on click.
6. Card that reveals extra info on click (expand height).
7. Button that slides in content from left on click.
8. Three theme options: light / dark / blue.
9. Form field with success icon on valid input.
10. Emoji bubble chat UI (no logic, just layout).
11. Social media bar (horizontal, icon hover effect).
12. Circle loading spinner (pure CSS, no keyframe).
13. Grid of icons with on-hover tooltip.
14. Floating header on scroll (use CSS `position: sticky`).
15. Input box with placeholder that moves up on focus.
16. Show "Copied to clipboard" animation with class toggle.

17. Make a small badge appear over profile image on hover.
  18. Apply different font-size to selected tab.
  19. Dropdown icon rotates on open/close.
  20. Progress bar filled via click count (width %)
  21. Glow border effect on hover (CSS box-shadow).
  22. Modal box with blur background (toggle via `useState`).
  23. Typing effect using dots (...) with CSS animation (optional).
  24. Pill buttons that change style on selection.
  25. Timeline layout using flexbox.
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 NOTE: Use `className={isActive ? 'active' : ''}` to toggle styles dynamically.

 Dev Joke #2:

What do React devs use to style their hair? `useGel()` 