HTML-CSS Project Roadmap

# HTML-CSS Project Roadmap (With Resources)

A complete roadmap of 60 projects (basic to advanced), each introducing essential CSS properties and gradually incorporating JavaScript DOM features.

# 🌱 Basic Projects (1–25)

1. \*\*Personal Portfolio Homepage\*\* - Intro to layout, typography, color schemes.

- [Template](https://codepen.io/tutsplus/pen/QWjObpg)

2. \*\*Simple Contact Form UI\*\* - Form styling, labels, input types.

- [Guide](https://www.w3schools.com/html/html\_forms.asp)

3. \*\*Business Card\*\* - Box model, borders, shadows.

- [Example](https://codepen.io/dcode-software/pen/zYpPLpo)

4. \*\*Newsletter Signup UI\*\* - Flexbox, alignment.

5. \*\*Login Page Design\*\* - Centering, form layout.

6. \*\*Registration Form UI\*\* - Fieldsets, form validation (HTML5).

7. \*\*Responsive Navigation Bar\*\* - Flexbox, media queries.

8. \*\*Product Card UI\*\* - Box-shadow, hover effects.

9. \*\*404 Error Page\*\* - Creative design with CSS.

10. \*\*Pricing Table\*\* - Columns, buttons.

11. \*\*Team Member Grid\*\* - Grid layout, images.

12. \*\*Simple Landing Page\*\* - Hero section, CTA.

13. \*\*Image Gallery (CSS Grid)\*\* - Grid, hover effects.

14. \*\*Testimonial Slider (Static)\*\* - Text styling.

15. \*\*Responsive Footer\*\* - Layout and responsiveness.

16. \*\*Basic Modal Popup (JS toggle)\*\* - `display`, `opacity`, `z-index`.

17. \*\*Tooltip on Hover\*\* - `::after`, absolute positioning.

18. \*\*Progress Bar (CSS only)\*\* - Transitions, animations.

19. \*\*Skill Bar Animation\*\* - Width animation.

20. \*\*Accordion (CSS-only)\*\* - Checkbox hack.

21. \*\*Dropdown Menu\*\* - `:hover`, positioning.

22. \*\*Social Media Buttons\*\* - Icons, hover states.

23. \*\*Blog Post Layout\*\* - Text layout, responsive images.

24. \*\*Responsive Two-Column Layout\*\* - Flex or grid.

25. \*\*Weather Card UI (input + display)\*\* - Basic JS DOM.

# ⚙️ Medium Projects (26–50)

26. \*\*Interactive To-Do List\*\* - `createElement`, `appendChild`, events.

27. \*\*Movie Card Hover Effects\*\* - Transforms, pseudo-elements.

28. \*\*Music Player UI\*\* - Button styling, JS play toggle.

29. \*\*Simple Image Slider\*\* - JS controlled.

30. \*\*Countdown Timer\*\* - JS date/time, DOM update.

31. \*\*Accordion FAQ Section\*\* - DOM toggle.

32. \*\*Quiz App UI\*\* - DOM manipulation, events.

33. \*\*Hamburger Menu\*\* - JS toggle class.

34. \*\*Dark/Light Mode Toggle\*\* - CSS variables, classList.

35. \*\*Form Validation\*\* - Basic JS validation.

36. \*\*Responsive Blog + Sidebar\*\* - Grid/flex, media queries.

37. \*\*Parallax Landing Page\*\* - Background-attachment, transform.

38. \*\*Tabbed Component UI\*\* - JS toggle tab content.

39. \*\*Portfolio with Filters\*\* - JS filter function.

40. \*\*CSS Animation Gallery\*\* - `@keyframes`, hover transitions.

41. \*\*Testimonial Carousel\*\* - JS slide logic.

42. \*\*Multi-step Form\*\* - Step indicators, JS control.

43. \*\*Sticky Navbar\*\* - `position: sticky`, scroll events.

44. \*\*Mini Calculator\*\* - JS operations.

45. \*\*Typing Text Effect\*\* - Recursive JS function.

46. \*\*Image Zoom on Hover\*\* - `transform: scale()`.

47. \*\*Responsive Dashboard Layout\*\* - Grid system.

48. \*\*Mobile App Landing Page\*\* - Media queries.

49. \*\*Character Counter\*\* - `input` events.

50. \*\*Password Strength Checker\*\* - Regex, dynamic style.

# 🔥 Advanced Projects (51–60)

51. \*\*E-commerce Product Page\*\* - Add to cart count with JS.

52. \*\*Full Multi-page Portfolio\*\* - Navigation, scroll effects.

53. \*\*Inline Form Validation\*\* - Real-time input feedback.

54. \*\*Custom File Upload UI\*\* - File input styling.

55. \*\*Interactive Recipe App\*\* - Search/filter with DOM.

56. \*\*Admin Dashboard UI\*\* - Chart placeholders, layout.

57. \*\*Drag & Drop List\*\* - `dragstart`, `drop`, event listeners.

58. \*\*Weather App UI\*\* - Dynamic background update.

59. \*\*Custom Video Player\*\* - Play, pause, range input.

60. \*\*Complete E-commerce Frontend\*\* - Cart logic, checkout form, responsive grid.

Would you like this in \*\*PDF\*\* or \*\*Notion/Markdown\*\* format for daily use and tracking?