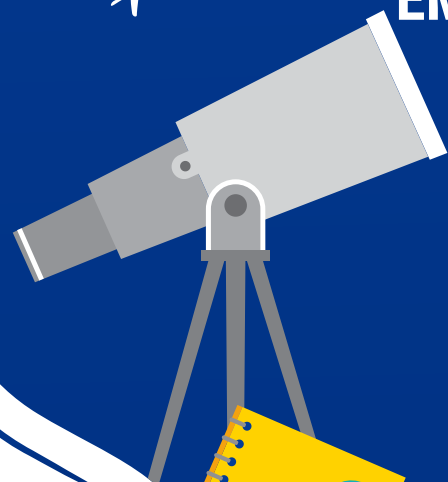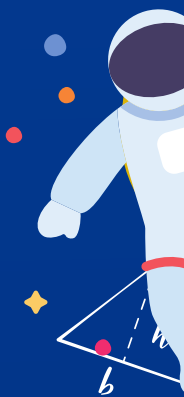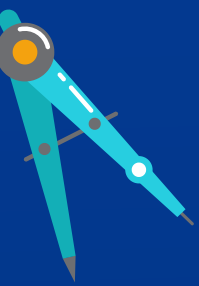π Academy
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$E = mc^2$

$\sqrt{3x}$

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WEB DEVELOPER – MODULE 1 & 2

MODULE 1

S.No	Concept	Outcome
1	Introduction to Web Development	What web development is and its applications
2	Understanding Platforms	Introduction to different web development platforms like Glitch
3	Basic Tags	Learning essential HTML tags like <html>, <head>, <title>, etc.
4	Working with Table Tags	Creating tables using HTML table tags (<tr>, <td>, etc.)
5	Frame elements	Understanding <frame> and <iframe> tags for embedding content
6	ID & Class Creation	Using IDs and classes to style and manipulate HTML elements
7	Multimedia	Adding multimedia elements like images and videos to web pages
8	Introduction to styles	Introduction to Cascading Style Sheets (CSS) for styling web pages
9	Working with CSS Properties	Learning basic CSS properties like color, font-size, background, etc.
10	Portfolio Creation	Creating a simple portfolio website to showcase your skills

MODULE 2

S.No	Concept	Outcome
1	Working with CSS with new elements	Working with more CSS elements
2	Working with forms	Create a dynamic Web page
3	Working with forms	Create a dynamic web page
4	Working with forms & CSS	Create a dynamic web page with styles
5	Working with forms & CSS	Create a dynamic web page with styles
6	Bootstrap: Understand Bootstrap & Explore designs	Understand Bootstrap & Explore various designs & Options
7	Bootstrap: Understand Bootstrap & Explore designs	Create a Web Page using Bootstrap designs
8	Create a Dynamic Website: Understand Controls	Understand Controls for Dynamic Website
9	Create a Dynamic Website: Create Dynamic Web pages	Understand Controls for Dynamic Website
10	Create Dynamic Website	Understand Controls for Dynamic Website

WEB DEVELOPER – MODULE 3 & 4

MODULE 3

S.No	Concept	Outcome
1	Introduction to JavaScript	Learn JavaScript basics for dynamic web pages
2	Basic JavaScript Programs	Write simple JavaScript programs
3	Controls in JavaScript Programs	Make JavaScript programs interactive
4	Variables & Loops	Use variables and loops in JavaScript
5	Functions in JavaScript	Create reusable code with functions
6	Combining Forms, CSS & JavaScript	Build interactive experiences with forms, CSS, and JavaScript
7	Data Types in JavaScript	Work with objects, strings, dates, and booleans
8	DOM Manipulation	Modify web page elements using the DOM.
9	JavaScript Form Validation	Validate user input in forms
10	Update HTML Tables with JavaScript	Dynamically change content within HTML tables using JavaScript

MODULE 4

S.No	Concept	Outcome
1	Introduction about events	Gain understanding of events in JavaScript
2	Understanding about Event listener	Learn how to use event listeners in JavaScript
3	OnClick event to perform action	Understand how to trigger actions on element click
4	Double-click event using script	Learn how to execute actions on double-click events
5	OnLoad event using script	Understand how to execute actions when a page loads
6	OnResize event using script	Learn how to execute actions when the browser window is resized
7	Working with Dialog boxes using scripts	Understand how to interact with dialog boxes using JavaScript
8	Passing value from one tag to another tag	Learn how to transfer data between HTML elements using JavaScript
9	Create Dynamic Website	Build a dynamic website using JavaScript concepts
10	Create Dynamic Website	Build a dynamic website using JavaScript concepts