

1. Photoshop training topics

- Move
- Marquee
- Lasso
- Quick selection
- Crop
- Eyedropper
- Spot healing
- Brush
- Clone stamp
- History brush
- Eraser
- Gradient
- Blur (no shortcut)
- Dodge
- Pen
- Horizontal type
- Path selection
- Rectangle
- Hand

2. HTML, HTML5 Training Topics

- Internet basics
 - Network
 - ARPANET
 - Internet
 - Email
 - SMTP
 - MIME
 - WC
- Web architecture
 - Presentation layer
 - Business layer
 - Data access layer
- Major web browsers
- Blog
- Forum
- Http
- Https
- Plug-in
- Webpage
 - Static webpage
 - Dynamic webpage
- Script

- Client side script
 - Server side script
- Introduction to Html
 - Html history
 - Html versions
 - Tags
 - Types of tags
 - Structure of html
 - Html critical elements
 - How to create a webpage
 - Comments
 - Parts in html documents
 - Version information
 - Head section
 - Body section
 - Hexadecimal color coding system
 - Html attributes
 - Element specific attributes
 - Global attributes
 - Event attributes
 - Special characters
 - Html drawback
- Deprecated elements
 - Acronym
 - Applet
 - Basefont
 - Big
 - Center
 - Dir
 - Font
 - Frame
 - Frameset
 - Isindex
 - Noframes
 - S
 - Strike
 - Tt
 - U
 - Xmp
- Features of html
- Html page layouts
- Html page layouts
- Html structure
- Html semantics

- General semantics
 - Chinese semantics
- HTML5 inline elements
 - Mark
 - Meter
 - Progress
 - Time
- HTML4 forms
 - Forms tags types
 - Types of form fields
 - Input fields
 - Select fields
- Http
 - Http requests methods
 - Action attributes
- Working with HTML5 advanced forms
 - HTML new form attributes
 - Input Types
 - HTMLinput attributes
- HTML5 new form elements
 - Data list
 - Keygen
 - Output
- ParseInt global functions
- Working with HTML5 multimedia
 - Audio formats
 - Tag-specific attributes
 - Video formats
 - HTML track element
- Web vtt
 - How to create web vtt file
- HTML5 graphics
 - Canvas
 - Attributes (Explained in)
 - Canvas shapes
- HTML5 SVG
 - Jpeg (Joint photo graphic expert group)
 - Png (Portable Network Graphics)
 - Gif (Graphic Interchange Format)
 - SVG versions and features
 - SVG Versions
 - SVG Features
 - SVG Shapes
 - Difference between canvas and svg

- Htmlmath ml (mathematical markup language)
 - Math ml versions
 - Features of mathml
 - Mathml tags
 - Msup
 - Msub
 - Msubsup
 - Mroot
 - Msqrt
 - Menclose
- Web hosting
 - Types of web hosting
 - Providers and services
 - Web hosting technologies
 - Web hosting database technologies
 - What is domain name?
 - How to register a domain?
 - How to upload a file?
 - How to modify web page in live?
 - How to upload multiple resources?
 - How to unzip a folder in server?
 - How to create security layer?

3.CSS , CSS3 Training Topics

- Introduction to css
- What is cascading style sheets?
- Features of css
- Why css
- Css version history
- Css structure
- Css comments
- Css basic syntax
 - Selector
 - Property
 - Value
- Types of style sheets
 - Inline style sheets
 - Internal embedded style sheets
 - External style sheets
 - Imported css-@import rule
- Working with css selectors
 - Tag selector
 - Type selector
 - Id selector
 - Class selector

- Grouping selector
 - Universal selector
 - Descendent selector
 - Customized selector
- Css units or measurements
 - Em
 - Ex
 - Px
 - In
 - Cm
 - Mm
- Css background property
 - Background –color
 - Background-image
 - Background-repeat
 - Background-attachment
 - Background-position
- Font family
- Text properties
 - Color
 - Direction
 - Text-decoration
 - Text-indent
 - Text-align
 - Letter-spacing
 - Word-spacing
 - Text-transformation
 - White-space
 - Verticle-align
- Css borders
 - Border-color
 - Border-style
- Css3
- Browsers supporting css3
- Css multiple column properties
 - Column –count
 - Column-gap
 - Column-rule
 - Column-fill
 - Column-span
 - Column-width
 - Columns
- Css3 background properties
 - Background size

- Background clip
 - Background with origin
- Css3 borders
 - Border-image
 - Border –radius
 - Box-shadow
- Css3 text properties
 - Text-justify
 - Text-overflow
 - Text-shadow
 - Text-wrap
 - Word-break
 - Word-wrap
- Css3 font properties
 - Font-face
 - Font-size-adjust
 - Font-stretch
- Css3 transforms
 - Transform
 - Transform-origin
 - Transform-style
- Css3 transitions
 - Transitions properties
 - Transitions delay
- Css3 animations
 - How to implement animations
 - Animation properties
- Advanced selectors
 - [attribute ^=values] selector
 - Css [attribute\$=value] selector
 - Css [attribute*=value]selector
 - Css-first of type selector
 - Css-only-of-type-selector
 - Css –nth-child-selector
- Css3 user interface
 - Css resizing
 - Css outline-offset
- Html5 webstorage
 - Local storage
 - Session storage
- Web sql
 - Opening database
- Index db
 - Why to use indexeddb?

- Features
- Html5 geo location
 - Define latitude
 - Define longitude
 - Types of maps
- Google maps controls
 - Geo location methods
- Working with html5 drag and drop
 - Define drag and drop
 - Creating draggable content
 - Drag and drop events
 - Allow drop
 - What to drag
 - Do the drop

4.Java script training topics

- Javascript introduction
 - Javascript can change html content
 - Javascript can change e html attributes
 - Javascript can change html styles (css)
 - Javascript can hide html elements
 - Javascript can show html elements
- Javascript where to
 - The <script> tag
 - Javascript functions and events
 - Javascript in <head> or <body>
 - Javascript in <head>
 - Javascript in <body>
 - External javascript
 - External javascript advantages
- Javascript output
 - Javascript display possibilities
 - Using innerhtml
 - Using documentwrite()
 - Using windowalert()
 - Using consolelog()
- Javascript statements
 - Javascript programs
 - Javascript statements
 - Semicolons
 - Javascript white space
 - Javascript line length and line breaks
 - Javascript code blocks

- Javascript syntax
 - Javascript values
 - Javascript literals
 - Javascript variables
 - Javascript operators
 - Javascript expressions
 - Javascript keywords
 - Javascript comments
 - Javascript identifiers
 - Javascript is case sensitive
- Javascript operators
 - Javascript arithmetic operators
 - Operators and operands
 - Javascript assignment operators
 - Javascript comparison operators
 - Javascript logical operators
 - Javascript type operators
 - Javascript bitwise operators
 - Operator precedence
 - Javascript operator precedence values
- Javascript data types
 - Javascript data types
 - Javascript types are dynamic
 - Javascript strings
 - Javascript numbers
 - Javascript booleans
 - Javascript arrays
 - Javascript objects
 - The type of operator
- Javascript functions
 - Javascript function syntax
 - Function invocation
 - Function return
 - Why functions?
 - Functions used as variable values
- Javascript objects
 - Javascript objects
 - Object properties
 - Object methods
 - Object definition
 - Accessing object properties
 - Accessing object methods
 - Do not declare strings, numbers, and booleans as objects!

- Javascript scope
 - Javascript function scope
 - Local javascript variables
 - Global javascript variables
 - Javascript variables
 - Automatically global
 - Global variables in html
 - The lifetime of javascript variables
 - Function arguments
- Javascript events
 - Html events
 - Common html events
 - What can javascript do?
- Javascript strings
 - Javascript strings
 - String length
 - Special characters
- Javascript string methods
 - Finding a string in a string
 - Searching for a string in a string
 - Extracting string parts
 - Replacing string content
 - Converting to upper and lower case
 - The concat() method
 - Complete string reference
- Javascript numbers
 - Javascript numbers are always -bit floating point
 - Precision
 - Adding numbers and strings
 - Numeric strings
 - Nan - not a number
 - Infinity
 - Hexadecimal
 - Numbers can be objects
- Javascript number methods
 - Number methods and properties
 - The toString() method
 - The toExponential() method
 - The toFixed() method
 - The toPrecision() method
 - The valueOf() method
 - Converting variables to numbers
 - Global methods

- The number() method
 - The parseInt() method
 - The parseFloat() method
 - Number properties
- Javascript math object
 - Mathround()
 - Mathpow()
 - Mathsqrt()
 - Mathabs()
 - Mathceil()
 - Mathfloor()
 - Mathsin()
 - Mathmin() and mathmax()
 - Mathrandom()
- Javascript dates
 - Creating date objects
- Javascript date formats
 - Javascript date input
 - Javascript date output
 - Iso dates (year and month)
 - Iso dates (only year)
 - Iso dates (date-time)
 - Javascript short dates
 - Javascript full date
 - Javascript long dates
- Javascript long dates
 - The date methods
- Javascript arrays
 - What is an array?
 - Creating an array
 - Using the javascript keyword new
 - Access the elements of an array
 - Access the full array
 - Arrays are objects
 - Array elements can be objects
 - Array properties and methods
 - The length property
 - Looping array elements
 - Adding array elements
 - The difference between arrays and objects
 - When to use arrays when to use objects
- Javascript array methods
 - Converting arrays to strings

- Popping and pushing
 - Popping
 - Pushing
 - Shifting elements
 - Changing elements
 - Deleting elements
 - Splicing an array
 - Automatic toString()
- Javascript sorting arrays
 - Sorting an array
 - Reversing an array
 - Numeric sort
 - Sorting an array in random order
 - Find the highest (or lowest) array value
 - Using mathmax() on an array
 - Using mathmin() on an array
 - My min / max javascript methods
 - Sorting object arrays
- Javascript booleans
 - Boolean values
 - The boolean() function
 - Comparisons and conditions
 - Everything with a "value" is true
 - Everything without a "value" is false
 - Booleans can be objects
- Javascript comparison and logical operators
 - Comparison operators
 - How can it be used
 - Logical operators
 - Conditional (ternary) operator
- Javascript ifelse statement
 - Conditional statements
 - The if statement
 - The else statement
 - The else if statement
- Javascript switch statement
 - The javascript switch statement
 - The break keyword
 - The default keyword
- Javascript for loop
 - Javascript loops
 - Different kinds of loops
 - The for loop

- The for/in loop
- Javascript while loop
 - The while loop
 - The do/while loop
- Javascript break and continue
 - The break statement
 - The continue statement
 - Javascript labels
- Javascript type conversion
 - Javascript data types
 - The typeof operator
 - The data type of typeof
 - The constructor property
 - Javascript type conversion
 - Converting numbers to strings
 - Converting booleans to strings
 - Converting dates to strings
 - Converting strings to numbers
 - The unary + operator
 - Converting booleans to numbers
 - Converting dates to numbers
 - Automatic type conversion
 - Automatic string conversion
- Javascript bitwise operations
 - Javascript bitwise operator
 - Javascript bitwise operators
 - Javascript uses bits bitwise operand
 - Bitwise and
 - Bitwise or
 - Bitwise xor
 - Javascript bitwise and (&)
 - Javascript bitwise and (&)
 - Javascript bitwise or (|)
 - Javascript bitwise xor (^)
 - Javascript bitwise not (~)
 - Javascript (zero fill) bitwise left shift (<<)
 - Javascript (sign preserving) bitwise right shift (>>)
 - Javascript (zero fill) right shift (>>>)
- Javascript regular expression
 - What is a regular expression?
 - Using string methods
 - Using string search() with a regular expression
 - Using string search() with string
 - Use string replace() with a regular expression

- Using string replace() with a string
 - Regular expression modifiers
 - Regular expression patterns
 - Using the regexp object
 - Using test()
 - Using exec()
- Javascript errors - throw and try to catch
 - Errors will happen!
 - Javascript try and catch
 - The throw statement
 - Input validation example
 - The finally statement
 - The error object
 - Error name values
 - Eval error
 - Range error
 - Reference error
 - Type error
 - Syntax error
 - Uri error
- Javascript debugging
 - Code debugging
 - Javascript debuggers
 - The console.log() method
 - Setting breakpoints
 - The debugger keyword
 - Major browsers' debugging tools
- Javascript hoisting
 - Javascript declarations are hoisted
 - Javascript initializations are not hoisted
 - Declare your variables at the top !
- Javascript use strict
 - The "use strict" directive
 - Why strict mode?
- Javascript form
 - Javascript form validation
 - Javascript can validate numeric input
 - Automatic html form validation
 - Data validation
 - Html constraint validation
 - Constraint validation html input attributes
 - Constraint validation css pseudo selectors
- Javascript validation api

- Constraint validation dom methods
 - Constraint validation dom properties
 - Validity properties
- Javascript objects
 - Javascript primitives
 - Objects are variables containing variables
 - Object properties
 - Object methods
 - Creating a javascript object
 - Using an object literal
 - Using the javascript keyword new
 - Javascript objects are mutable
- Javascript object properties
 - Javascript properties
 - Accessing javascript properties
 - Javascript for in loop
 - Adding new properties
 - Deleting properties
 - Property attributes
 - Prototype properties
- Javascript object methods
 - Javascript methods
 - The this keyword
 - Accessing object methods
 - Using built-in methods
 - Adding a method to an object
- Javascript object constructors
 - Object types (blueprints) (classes)
 - Built-in javascript constructors
- Javascript object prototypes
 - Prototype inheritance
 - Using the prototype property
- Javascript function definitions
 - Function declarations
 - Function expressions
 - The function() constructor
 - Self-invoking functions
- Javascript function parameters
 - Function parameters and arguments
 - Parameter rules
 - Parameter defaults
 - The arguments object
 - Arguments are passed by value

- Objects are passed by reference
- Javascript function call
 - The javascript call() method
- Javascript function apply
 - The javascript apply() method
 - The difference between call() and apply()
- Javascript closures
 - Global variables
 - Variable lifetime
 - A counter dilemma
 - Javascript nested functions
 - Javascript closures
- Javascript html dom
 - The html dom (document object model)
 - What is the dom?
 - What is the html dom?
- Javascript - html dom methods
 - The dom programming interface
 - The getelementbyid method
 - The innerhtml property
- Javascript html dom document
 - The html dom document object
 - Finding html element
 - Changing html elements
 - Adding and deleting elements
 - Adding events handlers
 - Finding html objects
- Javascript html dom elements
 - Finding html elements
 - Finding html element by id
 - Finding html elements by tag name
 - Finding html elements by class name
 - Finding html elements by css selectors
 - Finding html elements by html object collections
- Javascript html dom - changing html
 - Changing the html output stream
 - Changing the value of an attribute
- Javascript html dom - changing css
 - Changing html style
 - Using events
- Javascript html dom animation
 - A basic web page
 - Create an animation container

- Style the elements
 - Create the animation using javascript
- Javascript html dom events
 - Reacting to events
 - Html event attributes
 - Assign events using the html dom
 - The onload and onunload events
 - The onchange event
 - The onmouseover and onmouseout events
 - The onmousedown, onmouseup and onclick events
- Javascript html dom eventlistener
 - The addEventListener() method
 - Add an event handler to an element
 - Add many event handlers to the same element
 - Passing parameters
 - Event bubbling or event capturing?
 - The removeEventListener() method
- Javascript html dom navigation
 - Dom nodes
 - Node relationships
- Javascript html dom elements (nodes)
 - Creating new html elements (nodes)
 - Creating new html elements - insertbefore()
 - Removing existing html elements
 - Replacing html elements
- Javascript html dom collections
 - The htmlcollection object
 - The htmlcollection length
- Javascript html dom node lists
 - The html dom nodelist object
 - Html dom node list length
 - The difference between an html collection and a node list
- Javascript window - the browser object model
 - The window object
 - Window size
 - Other window methods
- Javascript window screen
- Javascript window location
 - Window location assign
- Javascript window history
 - Window history
 - Window history back
 - Window history forward

- Javascript window navigator
 - Window navigator
- Javascript popup boxes
 - Alert box
 - Confirm box
 - Prompt box
 - Prompt box
 - Line breaks
- Javascript timing events
 - Timing events
 - The set timeout() method
 - How to stop the execution?
 - The set interval() method
- Javascript cookies
 - What are cookies?

5.Bootstrap Training Topics

- Introduction to mobile technology
 - Telephone:
 - Mobile:
 - What is smart phone:
 - Who implemented first mobile:
- Generations of mobile telecommunication
 - 1G:
 - 2G:
 - 3G:
 - 4G:
- Mobile frontend
- Bootstrap framework
- Introduction to html
 - Basic html program:
 - Example explained
 - History of html
 - Html versions
 - Structure of html document
- UTF- 8
- Bootstrap structure
 - Css library
 - Js library

- How to configure bootstrap framework
 - Standard install
 - Bootstrap download
- Why to use bootstrap
 - Easy to use
 - Responsiveness
 - The speed of the development
 - Customizable bootstrap
 - Consistency
 - Support
 - Packaged java script components
 - Simple integration
 - Grid
 - Pre-styled components
- What bootstrap includes
- How to add jquery library to bootstrap
- What are the features of bootstrap
- Bootstrap optional add-Ons
- How to start bootstrap script
 - Html doc type
 - Html lang attribute
 - Mobile first
 - Adding bootstrap to web pages
- Cdn bootstrap framework
 - Css resources
 - Jquery resources
 - Java script resources
 - Cdn with glyphicons
 - Bootstrap local resources
- Bootstrap containers
 - Container
 - Container fluid
- Javascript
 - Features of javascript
 - How to insert html tag in javascript
 - Document.write()method
 - Documentwriteln()method
 - Javascript place in html file
 - External java scripts
 - Java script pop up box- alert box
 - Javascript pop up box-confirm box

- Javascript pop up box –prompt box
 - Javascript variables
 - Data types in javascript
 - Primitive data types
 - Non-primitive data types
 - Dynamic data types
- HTML<noscript>tag
- Bootstrap typography
 - Bootstrap headings
 - Inlinesubheading-<small>
 - Inlinesubheading-<big>
 - Inlinesubheading-<mark>
 - Inlinesubheading-<abbr>
 - Inlinesubheading-<blockquote>
 - Inlinesubheading-<dl>
 - Inlinesubheading-<code>
 - Inlinesubheading-<kbd>
 - Inlinesubheading-<pre>
- Contextual colors and backgrounds
 - Classes for text
 - Classes for back ground colors
 - More typography classes
- Closing alerts
- Bootstrap list
 - Ordered list
 - Un-ordered list
- Bootstrap grid system
 - What is grid
 - What are bootstrap grids
 - Grid system rules
 - Grid options
 - Offsetting columns
- Bootstrap tables
 - Html tables
 - How to apply bootstrap classes
 - Responsive tables
- Bootstrap css textual classes
- Bootstrap carets
- Bootstrap button classes
 - Button colors
 - Button sizes
 - Info button
 - Active info button

- Disabled info button
 - Normal buttons
 - Different button sizes
 - Block level buttons
- Images
 - Responsive images
 - Image shapes
- Html basic forms
 - Form
 - Form attributes
 - Form tags
 - Input fields
 - Attributes
- HTML5 Forms
 - Advanced controls
- Html forms with bootstrap
- Html form with files and images
- Bootstrap forms
 - Bootstrap form layouts
 - Supported control
 - Static control
 - Help text
 - Control sizing
- Bootstrap button groups
 - Button toolbar
 - Button sizing
 - Vertical button groups
 - Justified button groups
 - Nesting button groups and dropdown menus
- Html progress bars with bootstrap
 - Basic progress bar
 - Progress bar with labels
 - Colored progress bars
 - Animated progress bars
 - Stacked progress bar
 - Striped progress bars
- Bootstrap pagers
- Bootstrap js collapse
- Bootstrap wells
- Bootstrap alerts
 - Alerts
 - Alert links
 - Closing alerts

- Input group
- Bootstrap form control states
- Bootstrap select list
- Input sizing informs
- Bootstrap jumbotron and page header
 - Jumbotron inside container
 - Jumbotron outside container
 - Creating a page header
- Bootstrap badges and labels
 - Badges
 - Labels
- Bootstrap pagination
 - Basic pagination
 - Active state pagination
 - Disabled state pagination
 - Pagination sizing
 - Breadcrumbs
- Bootstrap list groups
 - Basic list groups
 - List group with badges
 - List group with linked items
 - Active state
 - Disabled item
 - Contextual classes
- Panel
 - Basic panel
 - Panel heading
 - Panel footer
 - Panel group
 - Panels with contextual classes
- Bootstrap tabs and pills
 - Menus
 - Tabs
 - Tabs with dropdown menu
 - Pills
 - Vertical pills
 - Vertical pills in a row
 - Pills with dropdown menu
 - Centered tabs and pills
 - Toggleable/dynamic tabs
 - Toggleable/dynamic pills
- Navigationbars
 - Navigationbar

- Inverted navigationbar
 - Fixed navigationbar
 - Navigationbar with dropdown
 - Right-aligned navigationbar
 - Collapsing navigationbar
- Model plugin
 - Create a modal
 - Model size options, Methods
- Carousel plugin
 - Example explained
 - Carousel with caption
- Tooltip
 - Create a tooltip
 - Positioning tooltips
 - Tooltip options
 - Custom tooltip design
- Bootstrap plugin popover
 - Create a popover
 - Positioning popovers
 - Closing pop overs
- Scrollspy plugin
 - How to create a scrollspy
- Webhosting
 - Types of webhosting
 - Web hosting providers
 - Webhosting technologies
 - Common email services
 - Webhosting database technologies
 - Domain name
 - Sub domains
 - Selecting a domain
 - Registering a domain