Making a google font:

* Flex-shrink
* Flex-grow
* Flex-direction

**1. Basic JavaScript Introduction**

Chapter 1 contains a basic introduction to the JavaScript language, such as

* [What is JavaScript](https://www.scientecheasy.com/2021/10/javascript-tutorial.html/)?
* Evolution of JavaScript
* Features of JavaScript
* Advantages and Disadvantages of JavaScript
* How does JavaScript works?
* [Structure of a JavaScript program](https://www.scientecheasy.com/2021/12/javascript-hello-world-program.html/)
* [How to write JavaScript in Notepad++](https://www.scientecheasy.com/2021/12/javascript-in-notepad.html/), [Visual Studio Code](https://www.scientecheasy.com/2021/12/javascript-in-visual-studio-code.html/), and [Eclipse IDE](https://www.scientecheasy.com/2021/12/javascript-in-eclipse.html/)?
* [How to add JavaScript in HTML](https://www.scientecheasy.com/2021/12/javascript-in-html.html/)?
* [How to include External JavaScript in HTML](https://www.scientecheasy.com/2021/12/external-javascript-in-html.html/)?

**2. JavaScript Data Types and Variables**

Chapter 2 deals with the most important and basic concepts of JavaScript. They are:

* [JavaScript Comments](https://www.scientecheasy.com/2022/01/javascript-comments.html/)
* [JavaScript Keywords](https://www.scientecheasy.com/2022/01/javascript-keywords.html/)
* [Data Types in JavaScript](https://www.scientecheasy.com/2021/10/javascript-data-types.html/)
* [JavaScript Variables](https://www.scientecheasy.com/2021/10/javascript-variables.html/)
* [Types of Variables in JavaScript](https://www.scientecheasy.com/2021/10/types-of-variables-in-javascript.html/)
* [Key Difference between Var, Let, and Const](https://www.scientecheasy.com/2021/11/difference-between-var-let-and-const.html/)

**3. JavaScript Operators**

Chapter 3 deals with operators in JavaScript. In this chapter, we will learn the following topics:

* What are [Operators in JavaScript](https://www.scientecheasy.com/2022/01/operators-in-javascript.html/)?
* [Assignment Operator](https://www.scientecheasy.com/2022/01/assignment-operator-in-javascript.html/)
* [Comparison Operators](https://www.scientecheasy.com/2022/01/comparison-operators-in-javascript.html/)
* [Logical Operators](https://www.scientecheasy.com/2022/01/logical-operators-in-javascript.html/)
* [Conditional Operators](https://www.scientecheasy.com/2022/01/conditional-operator-in-javascript.html/)
* [Bitwise Operators](https://www.scientecheasy.com/2022/01/bitwise-operators-in-javascript.html/)
* [Unary Operators](https://www.scientecheasy.com/2022/01/javascript-unary-operators.html/)
* [TypeOf Operator](https://www.scientecheasy.com/2022/01/typeof-operator-in-javascript.html/)
* [Operator Precedence](https://www.scientecheasy.com/2022/01/operator-precedence-in-javascript.html/)

**4. JavaScript Statement**

This chapter deals with the following topics that are as:

* [Conditional Statement](https://www.scientecheasy.com/2022/01/conditional-statements-in-javascript.html/)
  + [If statement](https://www.scientecheasy.com/2022/02/if-statement-in-javascript.html/)
  + If else statement
  + Switch statement
* Loop statements
  + While Loop
  + Do while Loop
  + For loop
  + Nested for loops
  + For In loop
  + For Of loop
  + Break statement
  + Continue statement

**5. JavaScript Function**

This chapter deals with the following topics that are as follows:

* What is a function in JavaScript?
* How to call a function in JavaScript using arguments?
* Pass By Value in JavaScript
* Function return (or return statement)
* Nested functions
* Rest parameter
* Anonymous functions
* Recursion
* Arrow Function

**6. Objects in JavaScript**

Chapter 6 in this JavaScript syllabus deals with the following important topics that are as:

* What is an Object?
* Types of Objects
* Array Object
  + Properties of Array Object
  + Methods of Array Object
* String Object
  + Properties of String Object
  + Methods of String Object
* Math Object
  + Properties of Math Object
  + Methods of Math Object
* Date Object
  + Methods of Date Object
* Global Object
  + Properties of Global Object
  + Methods of Global Object
* Number Object
  + Properties of Number Object
  + Methods of Number Object
* Creating your own Objects
  + Defining methods

### 7. JavaScript Window and Frame Objects

Chapter 7 in this JavaScript syllabus, deals with the following key topics that are as:

* Top-level Objects
* Window Object
  + Creating a Window
  + Communicating with the user
  + Working with Timeouts
  + Some properties of Window Object
  + Some other useful methods of Window Object
* Location Object
  + Properties of Location Object
  + Methods of Location Object
* Document Object
  + Properties of Document Object
  + Methods of Document Object
* The Navigator Object
  + Properties of Navigator Object
  + Methods of Navigator Object
* History Object
  + Properties of History Object
  + Methods of History Object
* Screen Object
* Working with Frames
  + Creating frames
  + The frame tree
  + Accessing frames
  + Nested frames
  + Frame object model
  + Frame element object

### 8. JavaScript Event Handling

Chapter 8 in this JavaScript syllabus covers the following significant topics that are as:

* Events
  + How does it work?
* Objects and Events
  + Creating an Event handler
  + Changing Event handlers
* Managing JavaScript Events
  + Mouse Events
  + Keyboard Events
  + The onLoad and onUnload Events
* Event Simulation
* The Event object
* Event capturing
  + Turning off Event capturing
* Event bubbling
  + Preventing Event bubbling

### 9. JavaScript Exception Handling

The following topics come under this chapter that are as:

* Exceptions and Errors
* Exception mechanism
* “try-catch-finally” constructions
* Throwing exceptions
* Error Object
  + Properties of Error Object
  + Methods of Error Object

### 10. Form

In this module, we will learn the following important topics that are as:

* The Form Object
  + Accessing Forms within JavaScript
  + Accessing Form elements
  + About <input> element objects
  + Properties of Form Object
  + Methods of Form Object
* Fieldset and Legend Element Objects
* Label Element Object
* Text Input Object
  + Properties of Text Input Object
  + Methods of Text Input Object
* Password Input Object
* Hidden Input Object
* Textarea Element Object
  + Properties of Textarea Element Object
* Button Element Object
* Checkbox Input Object
  + Properties of Checkbox Input Object
  + Method of Checkbox Input Object
* Radio Input Object
  + Properties of Radio Input Object
  + Methods of Radio Input Object
* Image Input Object
  + Properties of Image Input Object
* Select Element Object
  + Properties of Select Element Object
  + Methods of Select Element Object
* Option Element Object
* File Input Element Object

### 11. Document Object Model (DOM)

Chapter 11 contains the following topics under this JavaScript syllabus that are as:

* Document Object Model (DOM) and W3C
  + DOM Levels  
    DOM and JavaScript
* New DOM Concepts
  + Element Referencing  
    Hierarchy of nodes  
    Node properties  
    Node methods  
    Generating new node content  
    Replacing node content

### 12. Introduction of HTML

This chapter contains the following basic key topics that are as follows:

* Introduction of HTML
* A brief history of HTML
  + The World Wide Web
  + User Agents (or Browsers)
* The Building Blocks of a Webpage
  + HTML and Word processors
  + HTML tags
  + Nesting tags
  + Tag attribute
  + Fundamental tags
* A simple HTML document
  + The Meta tag
  + Adding comments