

# java script one shot

[video reference link](#)

## 1. scope of var, let and const

- var **keyword** make variables to **Parente functional scoped** .
- let and const **keyword** make variable to **braces {}** scoped
- [example](#)

## 2. Some about var

- on declaration var **add** it self in *window object*.
- run *console.log(window)* to see this

## 3. browser context api

- browser context api consist **three** things
- 1. *window object*
  2. *stack memory*
    - all the **function** which is executed first store in **stack memory**
    - ther are **two types** of stack
      1. *Main stacks* (this is use for **synchronounous** block of code)
      2. *Side stacks* (this is use for **asynchronounous** block of code)
  3. *heap memory*
    - the **intermediate data** store in this heap memory
    - **intermediate data** in sense the data which **generate** during performing some **process** which is not our *final output data*

## 4. Executional context

- execution context is a **container** which is of *each individual function*
- it is create when any function is **call**
- it consist **three** things
  1. **variables**
  2. **functions**
  3. **lexical enviroment** of it's self
    - it consist the **information** of **scopes and scopes chain**
    - matlab iss function ki **apne variable and function** ko access karne ki **permissions** hai .

## 5. Spread operator (...reference\_name)

- *this is use to **copy** the data from **referenes***
- ***what is references ?***
  - *any thing which has consist {}, () and []*