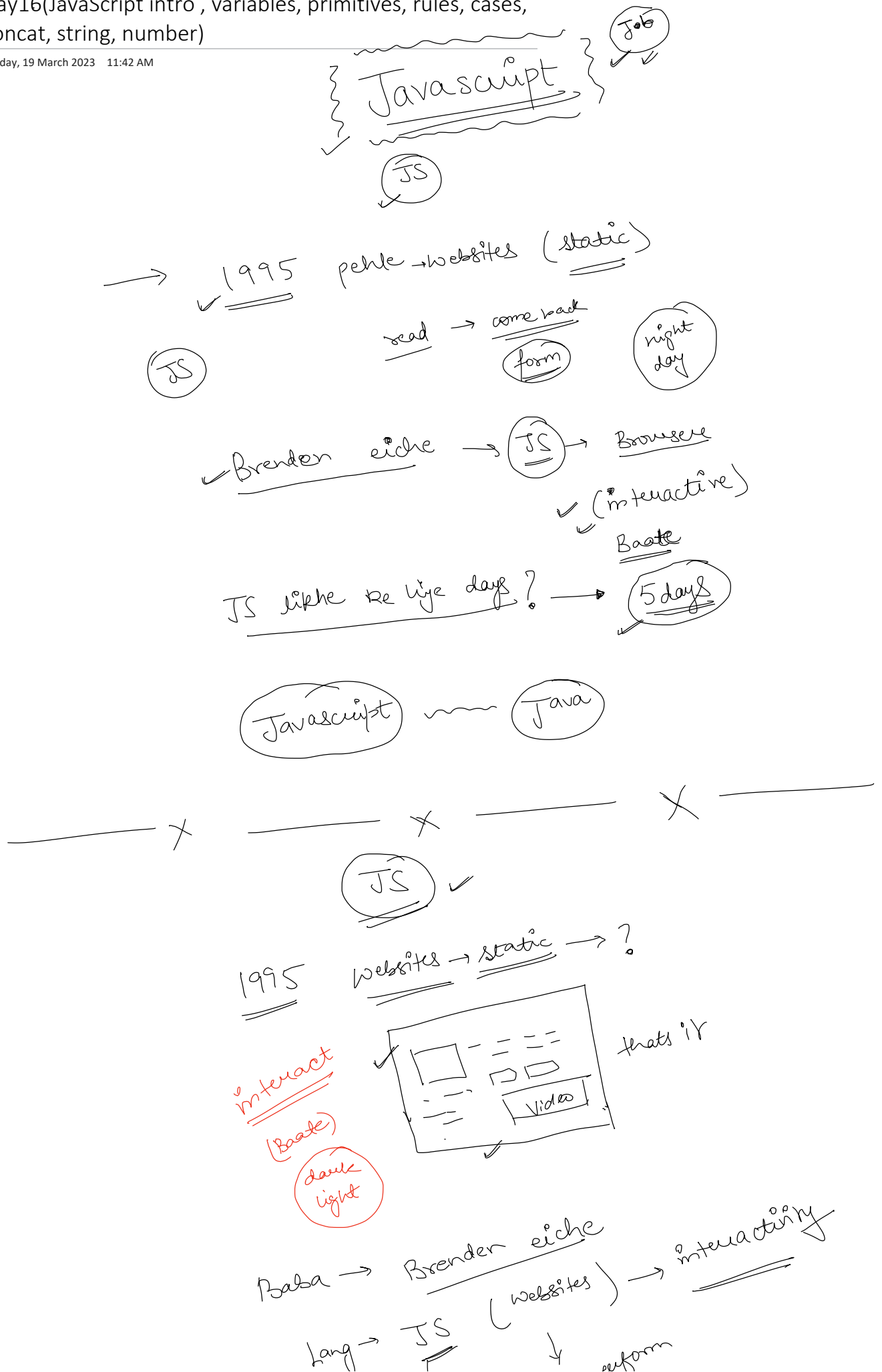
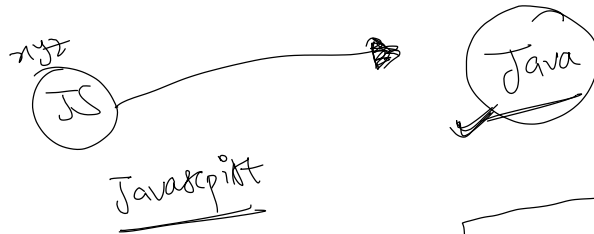
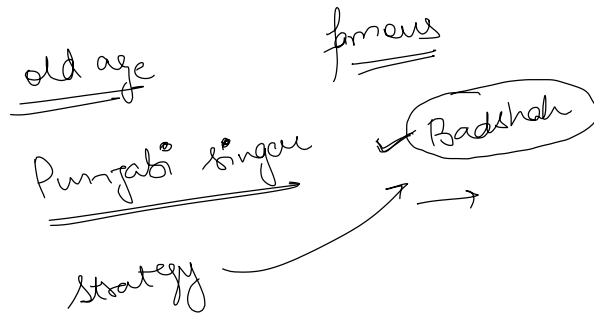
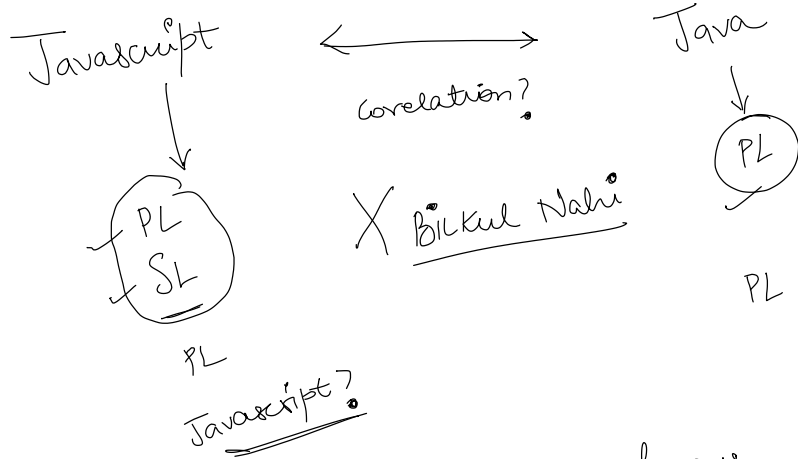
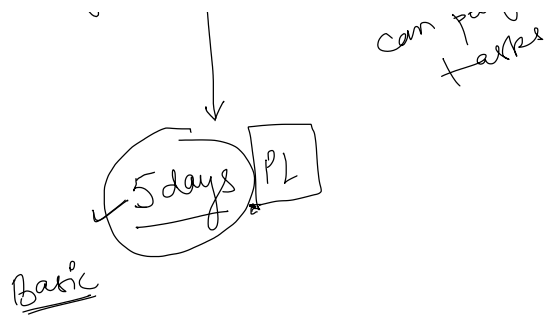


Day16(Javascript intro , variables, primitives, rules, cases, concat, string, number)

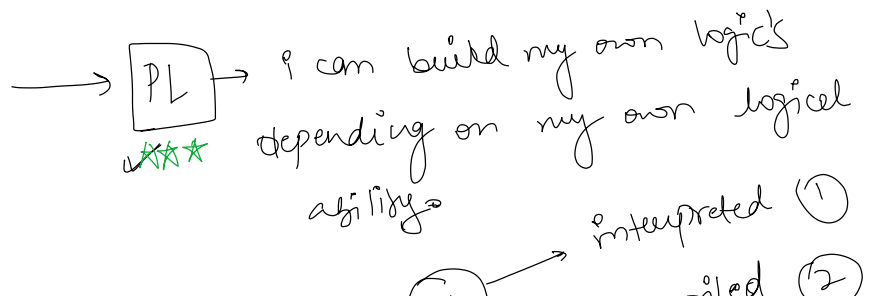
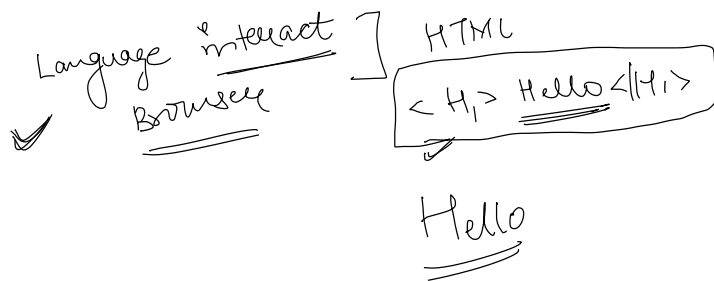
Sunday, 19 March 2023 11:42 AM





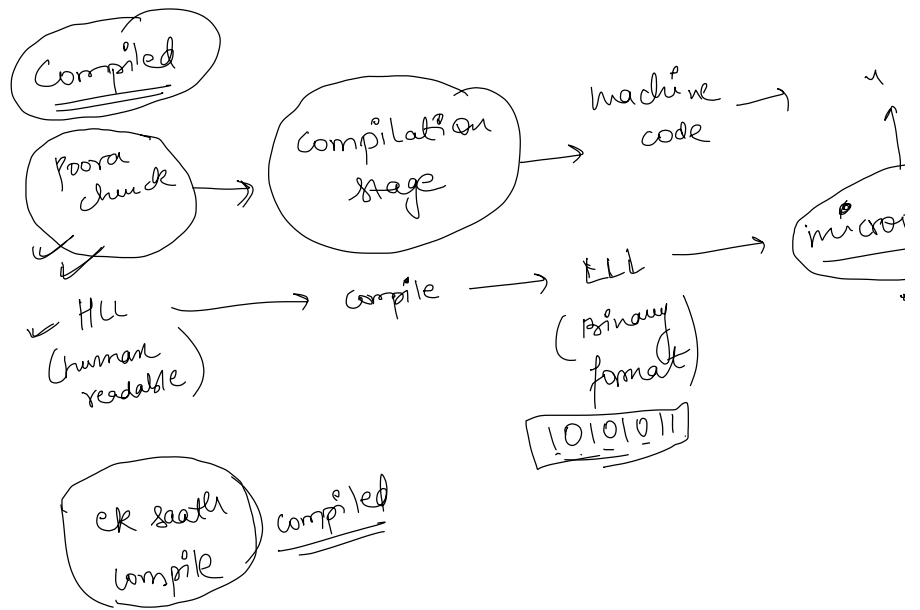
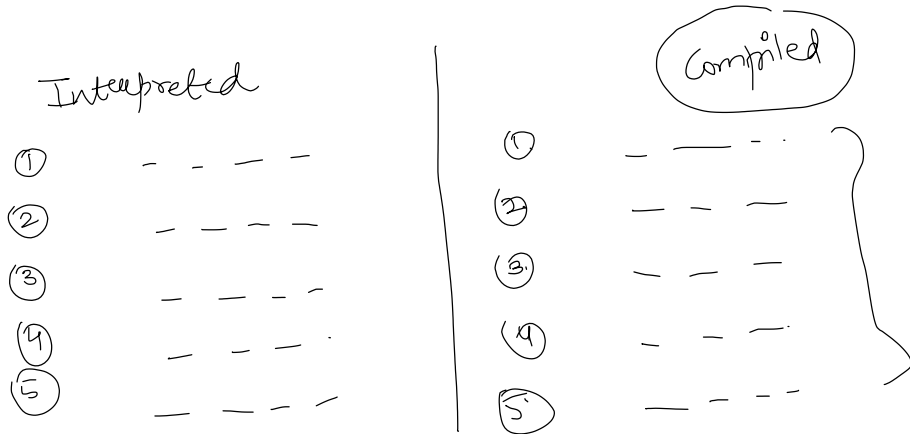
Q what is PL?

HTML X



Q → JS → ?

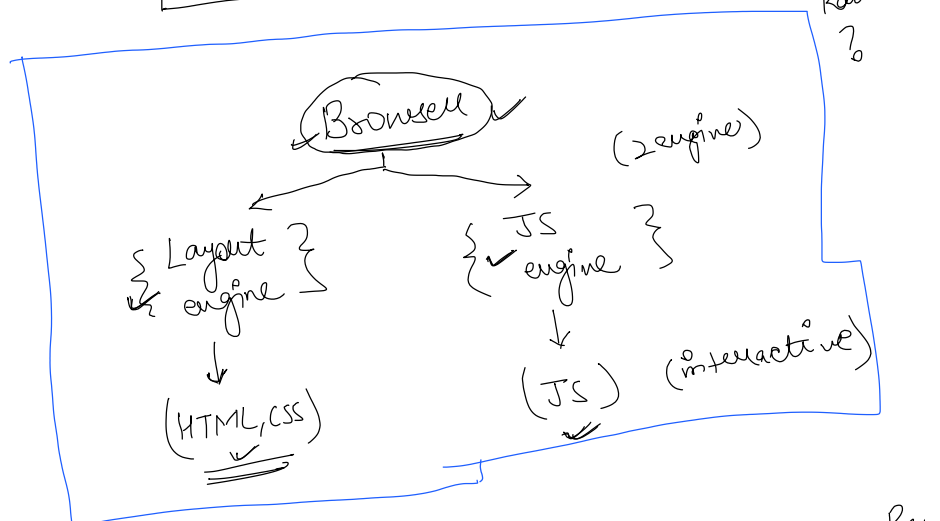
(PL) → compilation

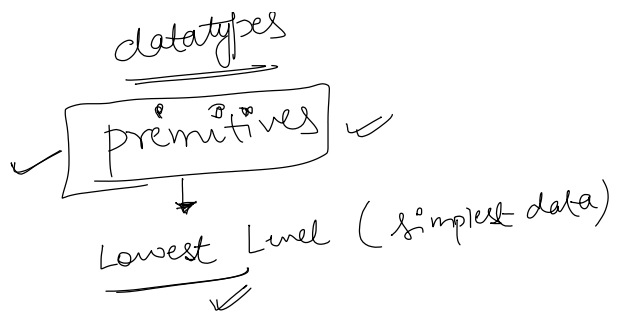


Interpreted  
Line by line

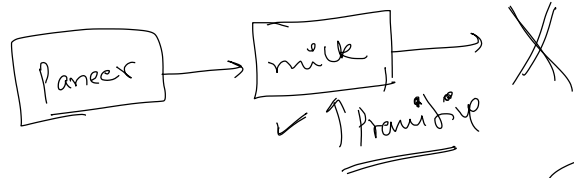
① error ✓  
② read X

JS → Interpreted → PL





res  
F  
F  
F



Kitne primitives?

7

C++ / Java

char =  
string =

- String
- Number
- Boolean
- undefined
- null
- BigInt
- symbol

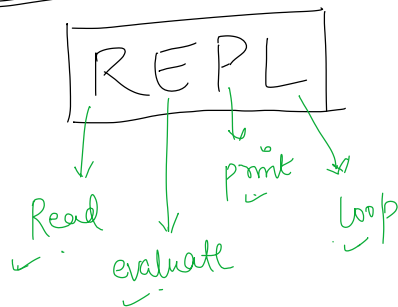
~~String~~ { 'a', 'ab' }

Number  
1, 2, 3  
1.1, 1.2, 1

Boolean  
T | F

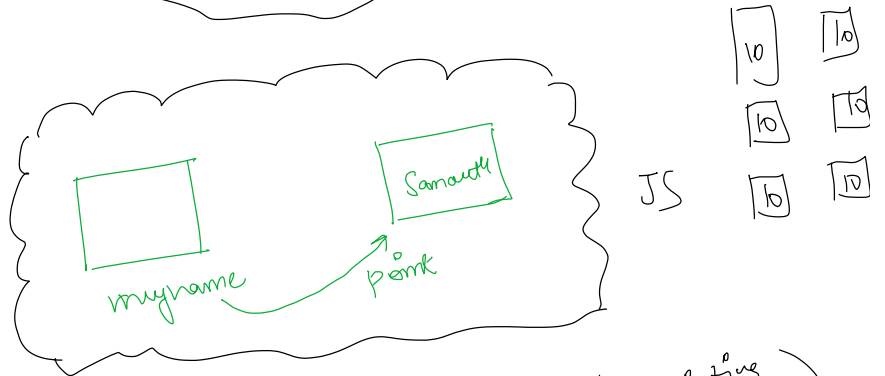
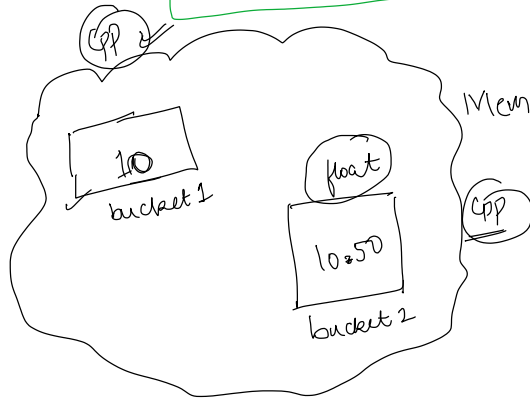
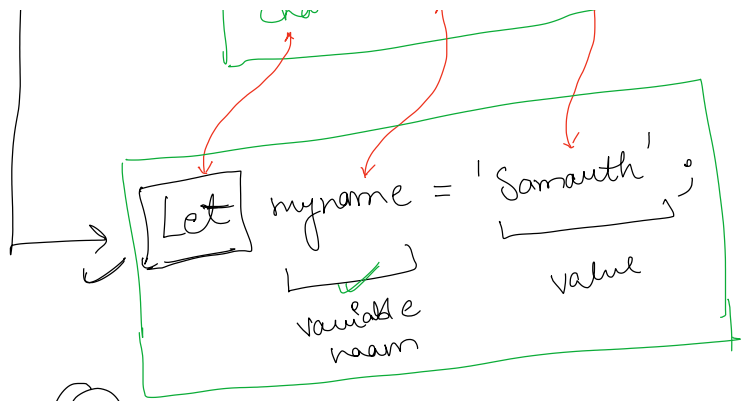
M | F

Console? what is this?

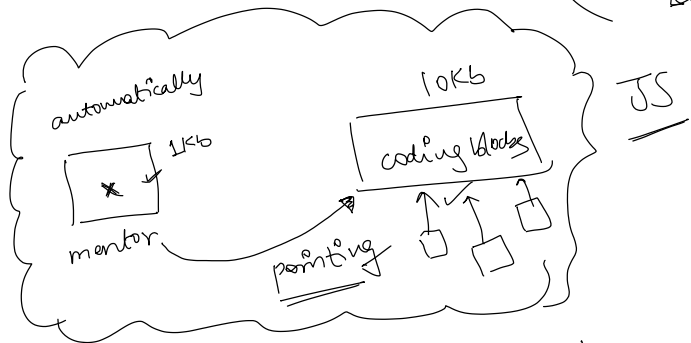


Variable

```
int bucket1 = 10;
float bucket2 = 10.50;
var name = 'a';
```



(Scripting lang.)



\* point

Let mentor = 'coding blocks';

# Variable name → Nomenclature / Rules

Make life  
Make Rules

- you cannot start with a Number.
- (Number can come in between)
- (a-b-c-z, A-B-C-Z) ✓

... c. P. N. H. V.

- you cannot give space X sample
- keywords ka use X let let } DO  
let break
- ~~\*~~ \$ ✓ (start bhi kar sakte ho)  
(1) and (2)

## # ways of writing a variable (4)

→ normal case

eg let firstname = 'Sam';

→ Camel case

let hiMyNameIs = 'Sammam';

→ Snake case

let hi-my-name-is = 'xyz';

int (k)  
float

Kebab case

let hi-my-name-is = 'war';

\* JS \*

JS

let camelCase = 'LoH';

X not allowed

✓ Backticks (string templates)

1 space etc

advantage

1 → size  
→ time

first + space + last

(concatenate)

Back

to

first Name = 'Shanique';

Let Time

Let secondName = 'Kham';

Let greet = Hi {firstName} {lastName}  
string template  
" | " | -

Let naam = 'Samanth'  
" = "Samanth"  
" = 'Samanth'

Numbers

10, 15

Let num1 = 10;

num1

String  
+ concat  
-, \*, /, %

Number → ?

multiply →  
divide →  
add →  
subtract →  
power →  
modulus →

