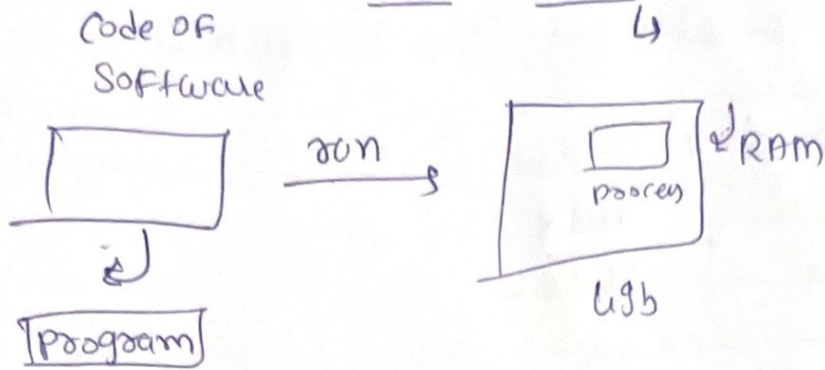


BASIC OF JS



Program in a running state is called process.

keywords

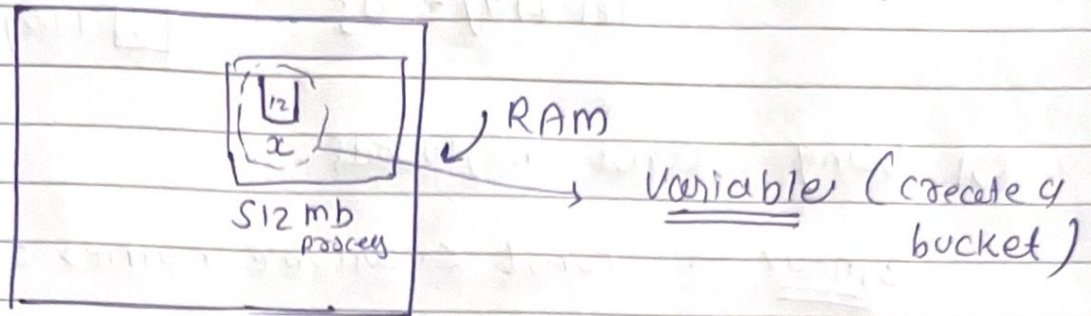
↳ in a programming lang.. few words are reserved by the language for its own purpose. we cannot change their meaning or purpose them for a different use case.

For example in JS few keywords are

- ↳ let
- ↳ for
- ↳ const
- ↳ if
- ↳ else
- ↳ return
- ↳ etc

How can we store some values inside a program

↳ to store values we can use Variables.



Variables are memory buckets that store our values and have names of their own.

Javascript file → .js

Ex index.js
demo.js

↳ How to create variables in js?

3 ways to create variables

(1) Using var keyword

syntax

↳ var <variable name> = <value>;

For Ex

var marks = 90;

var score = 5;

[90] marks

[5] score

Teacher's Signature:

(2) Using let keywords

Syntax \rightarrow let <variable name> = <value>;

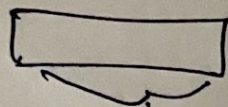
Ex let age = 24; 24 age
 let Flag = 0; 0 Flag

(3) Using const keywords

Syntax \rightarrow const <variable name> = <value>;

Ex const x = 100;

Semicolon



one line of JS
code
equal to
one instruction
that we want
to give to the
computer.

One complete
instruction is
called Statement

At the end of
every statement in
JS we can put
a semicolon

(but it is
optional)

Naming

4 Rules for Variable Creation

- (1) Variables can contain small Alphabets Capital Alphabets, digits, underscore (_) (\$)
- (2) we can not have space or any other special char.
- (3) we should give meaning full names so that reader can identify the names properly.
- (4) variable name cannot start with a digit, but it can have digits in between or at last.

Ex let $qjems = 10;$ X wrong
Syntax

(5) We cannot use keywords as variable names