

What is JavaScript?

JS is a programming language. We use it to give instructions to the computer.



Setting up VS Code </>

It is a free & popular code editor by Microsoft

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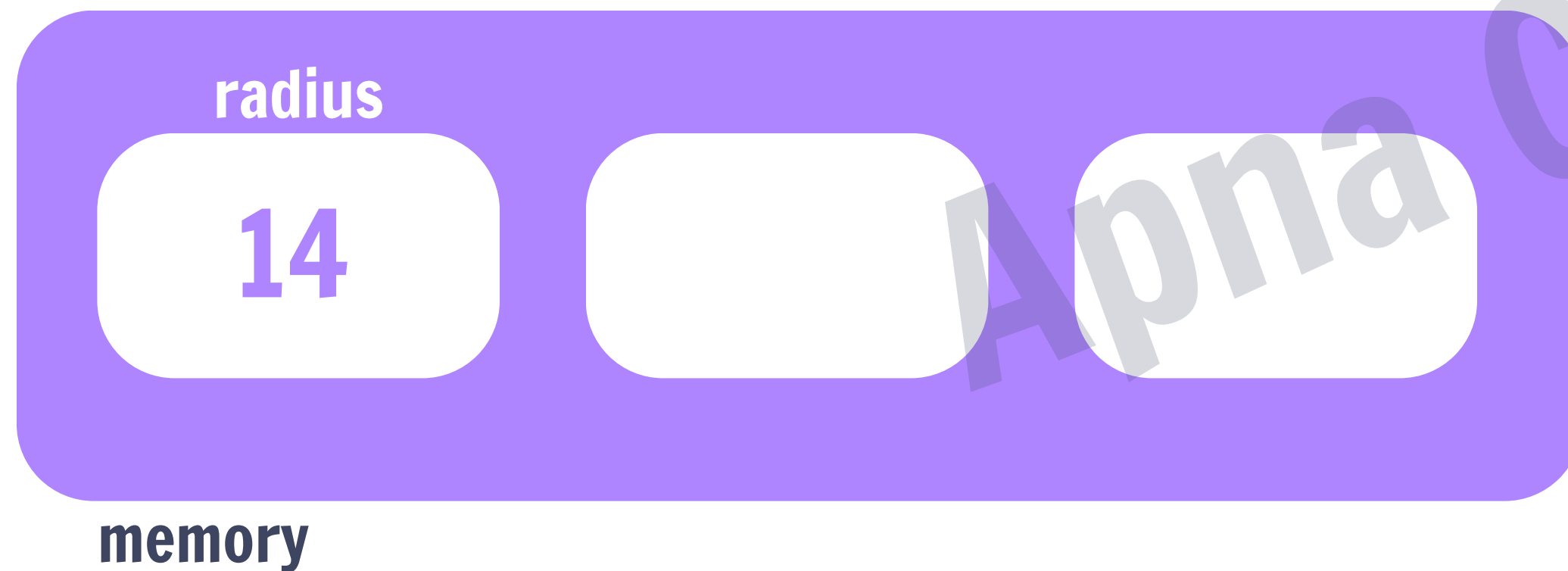
Our 1st JS Code

Console.log is used to log (print) a message to the console

```
console.log("Apna College");
```

Variables in JS

Variables are containers for data



Variable Rules

- Variable names are case sensitive; “a” & “A” is different.
- Only letters, digits, underscore(`_`) and \$ is allowed. (not even space)
- Only a letter, underscore(`_`) or \$ should be 1st character.
- Reserved words cannot be variable names.

let, const & var

var : Variable can be re-declared & updated. A global scope variable.

let : Variable cannot be re-declared but can be updated. A block scope variable.

const : Variable cannot be re-declared or updated. A block scope variable.

Data Types in JS

Primitive Types : Number, String, Boolean, Undefined, Null, BigInt, Symbol

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To **educate** someone is the highest privilege



4.3 Million



510K



String

...

Shradha Khapra



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Co-founder, Apna College | Ex-Microsoft | Tedx Speaker |
Google SPS'20

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Boolean

Number

Let's Practice

Qs1. Create a const object called “product” to store information shown in the picture.



```
const product={  
  name:"pen",  
  rate:5,  
};
```

Let's Practice

Qs2. Create a const object called “profile” to store information shown in the picture.

```
const profile = {  
  name:"iqra",  
  email:"iqraaslam@gmail.com",  
  isFollow:true,  
};  
profile["name"]="sana";  
console.log(profile);
```

