

# DATA STRUCTURES

## STRUCTURE IN C++

**#Lockdown continues ....**

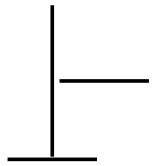
**#Stay At Home**

*Prince agarwal*  
**( By Prince Agarwal )**  
*[ " Hello World " ]*

*Hello world*

## DATA STRUCTURES

### Structure in C++



we need to store a group of data.  
whether of similar data types or non-similar data types

### In Array, We can store only one type of data types.

Int arr [ ] = 

|    |   |    |   |     |
|----|---|----|---|-----|
| 11 | 2 | -3 | 4 | -10 |
|----|---|----|---|-----|

### Now, if we have to store the person details :-

Like , age

Name

Now English ?

int

String

Boolean

| 0  | 1 | 2  | 3 | 4   |
|----|---|----|---|-----|
| 11 | 2 | -3 | 4 | -10 |



Hello world

# DATA STRUCTURES



## Structure in C++

Let's suppose,

We have to store the Student details like



|             |        |          |        |     |
|-------------|--------|----------|--------|-----|
| Like , Roll | int    |          |        |     |
| Name        | String | Roll No. | Name   | Age |
| Age         | Int    | int      | String | Int |

# DATA STRUCTURES

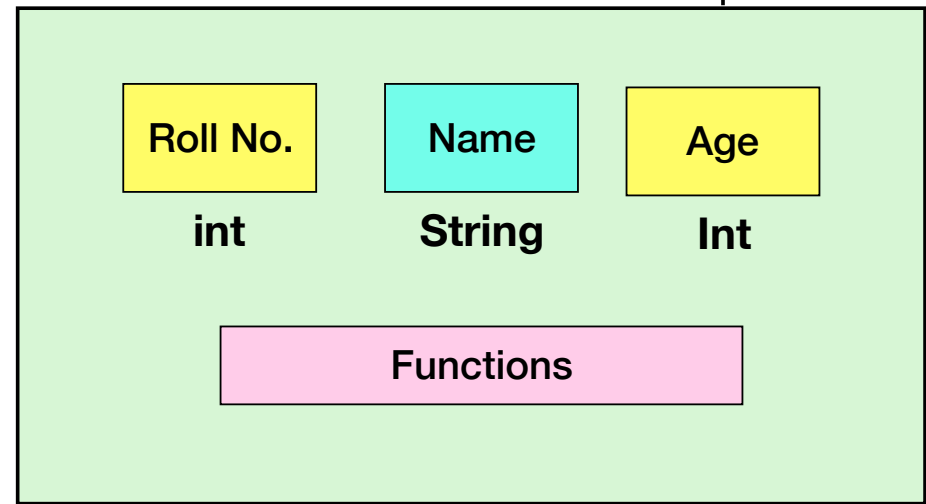
## Structure in C++

Let's suppose,

We have to store the Student details like

|             |        |
|-------------|--------|
| Like , Roll | int    |
| Name        | String |
| Age         | Int    |

And this block is made by **struct** keyword



Person

Hello world

# DATA STRUCTURES

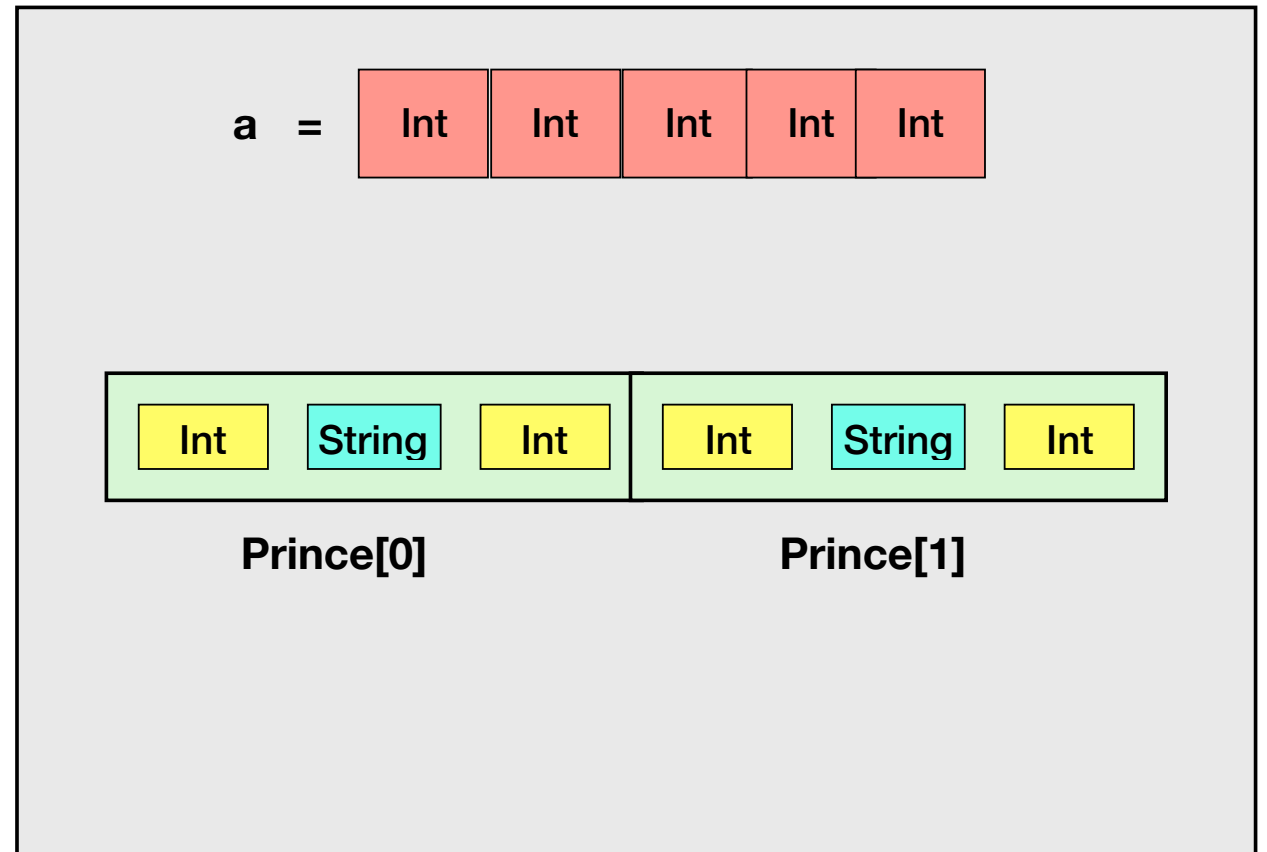


Key concepts :-

`Int a[5];`

`Person Prince[2];`

RAM



Hello world

## DATA STRUCTURES

### Home-work :

**Make a structure of teachers in the school. Which includes teacher name {string }, teacher age {integer} , teacher salary {integer} , teacher knows English or not ? {boolean } , teacher gender {string}.**

**And a also includes a function in the structure which prints the teachers details**

**Make an array of teachers in a particular school having 10 teachers approx.**

**Write the code and after complete the code  
please 🙏🙏 let me know by commenting in my videos**

*Hello world*

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## Hello World

*“ If you feel any problem then comments in my video  
I will reply as soon as possible “*

*- Prince Agarwal*

*Hello world*