

MAP IN C++

#Lockdown continues

#Stay At Home

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

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Map in C++

- Each element has stored in a key value and a mapped value
- No two mapped values can have same key values.

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- Like In JavaScript or others Programming language
 - C++ also has a method to store the Values in **key : Value** Paired

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- Now, understand the Concept of Key & Value

Key	Value
Roll Num	Name
1	Rohan
2	Sumit
3	Prince

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Map in C++

- For this, we have an Library : `< map >`
 - We insert the Values —> Learn Ahead
-

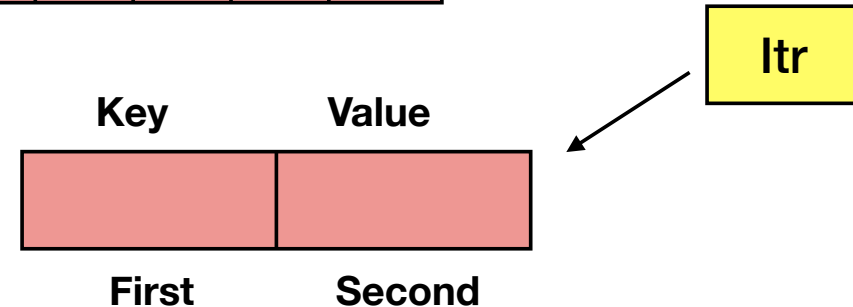
- Now, we have Problem to access the elements in Map

Till Now, we have array

And we can access the element
by simply access the index

0	1	2	3	4
1	2	3	4	-10

- But, in Map case is different
So, there is an concept of **Iterator**
- Iterator is nothing other than **Pointer**



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Map in C++

■ We are going to discuss the various Methods in Maps

■ begin()

■ empty()

■ end()

■ Pair insert(key_value , map_value)

■ size()

■ erase(iterator position)

■ max_size()

■ erase(const g)

■ clear()

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

- Prince Agarwal

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