

HashMap <K,V> : Whenever we need to target or store key-value pairs, we use an hashmap. It is similar to a dictionary in Python.

{ "Java" : 1995 };  
Key Value

HashMap <String, String> hm = new  
HashMap<>(); (python)

How do you maintain order in an HashMap?

⇒ We use a LinkedHashMap which has a built-in Linked List.

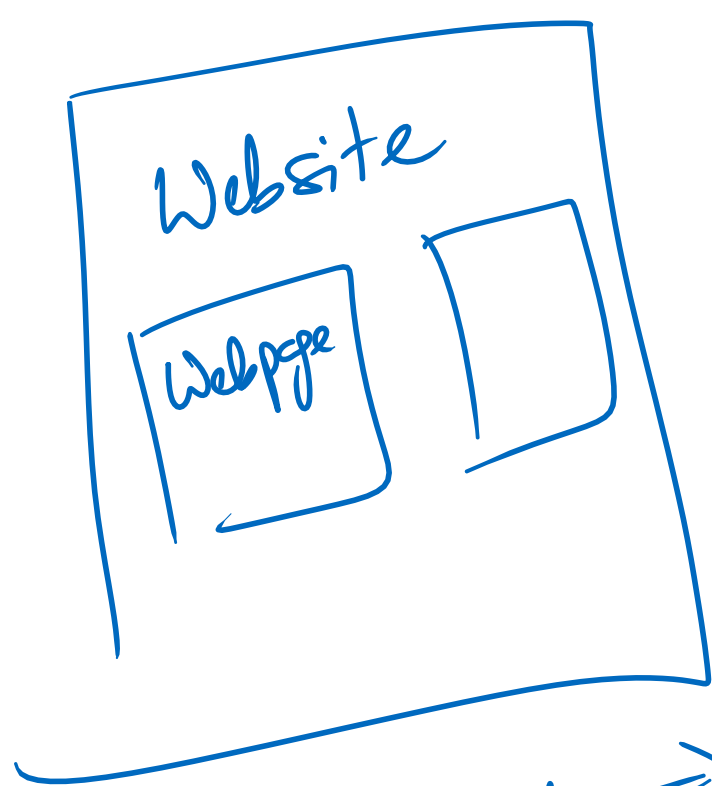
Hash table <Key, Value> ⇒ (Array of lists.) ⇒ (Hashing)  
[Initial size = 11]

Hashtable <String, Integer> ht = new Hashtable<>();

ht.put("Ramiksha", 106);  
ht.put("Preeti", 117);  
ht.put("Rashmita", 128);  
ht.put("Sahana", 99);  
ht.put("Nidhi", 102);  
ht.put("Harsha", 100);

10			
9			
8	(3)	(2)	(1)
7	Ramiksha, 106	Preeti, 117	Rashmita, 128
6			
5			
4			
3	Nidhi, 102	(4)	
2			
1	Harsha, 100	(3)	
0	Sahana, 99	(6)	

Display:  
Top to Bottom  
Right to left.

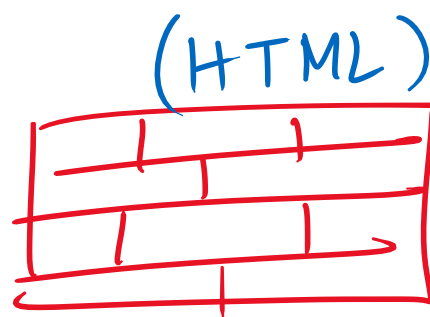


DOM ⇒

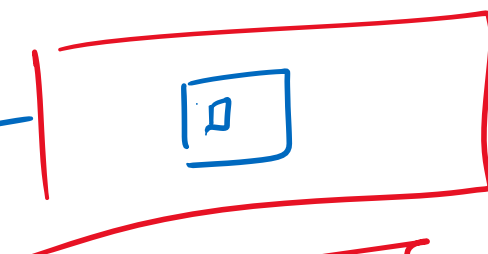
Document  
Object  
Model

(EMMET  
Abbreviation)

(JavaScript)



Skeleton



CSS ← [Paint  
[Cascading Style sheets]