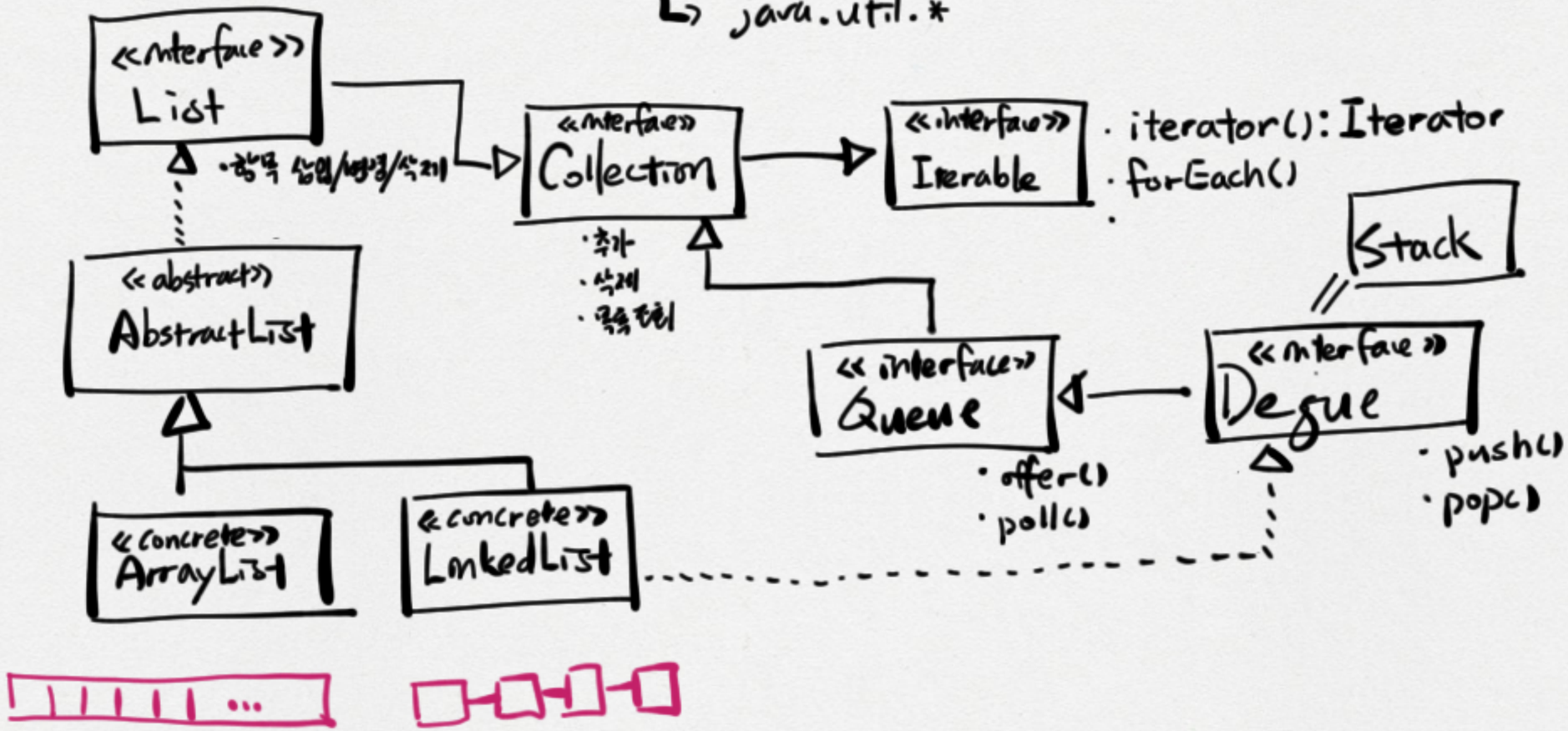
* Collection Framework

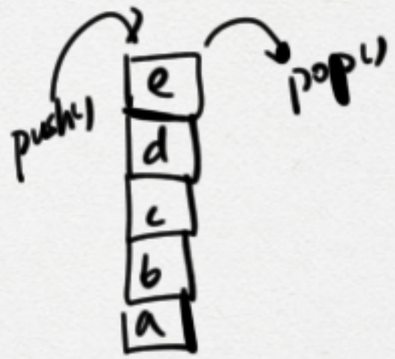
└ Collection API

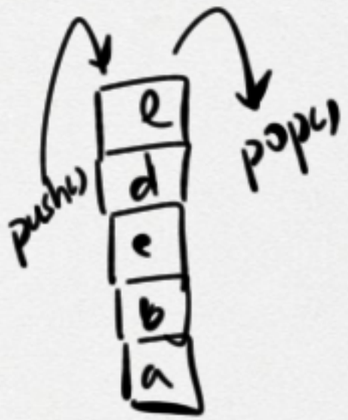
└ java.util.*

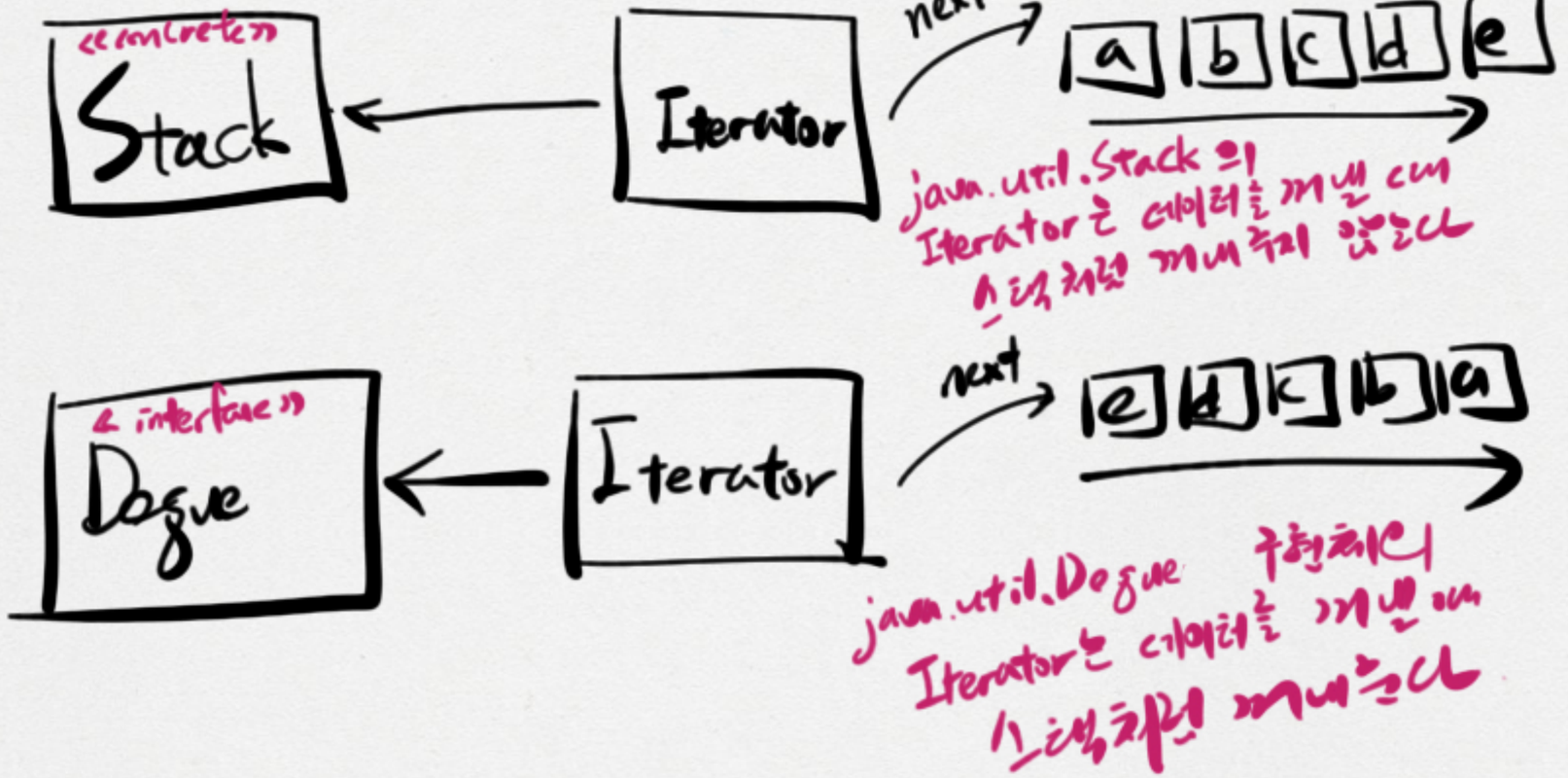
[2021-2-17]



* Stack vs Deque







* List, Set, Map

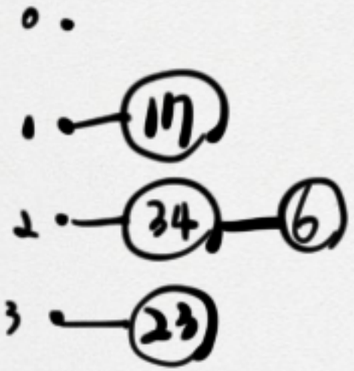
	List(v)	Set(v)	Map(k,v) key: X, value: O	
데이터 중복	O	X		
순서	O	X	X	
저장위치	인덱스	해시값	해시값	
			HashMap	Hashtable
null	O	O	O	X

* HashSet

List ← linear

↳ 순서대로 저장

index



HashSet

값의 일부분을 가지고 위치 결정

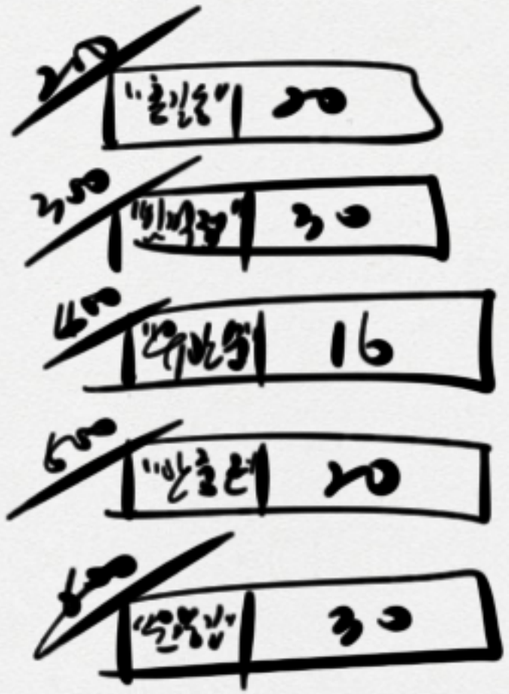
Hash Value

↓

hashCode() 의 리턴 값

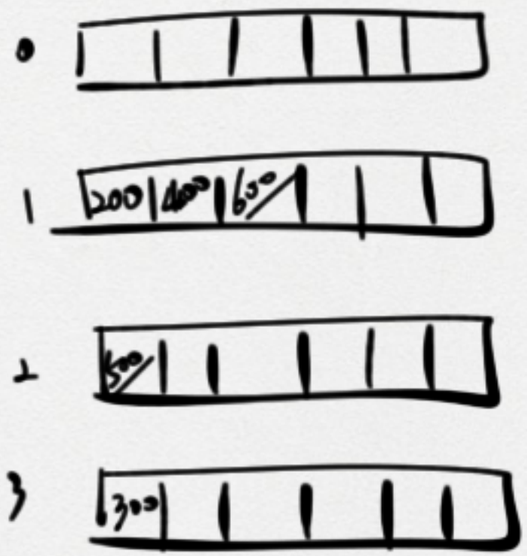
저장하고자 하는

* HashMap



* HashSet

HashSet set;
set = new HashSet()



set.add(new Member());
set.add(new Member());

↓

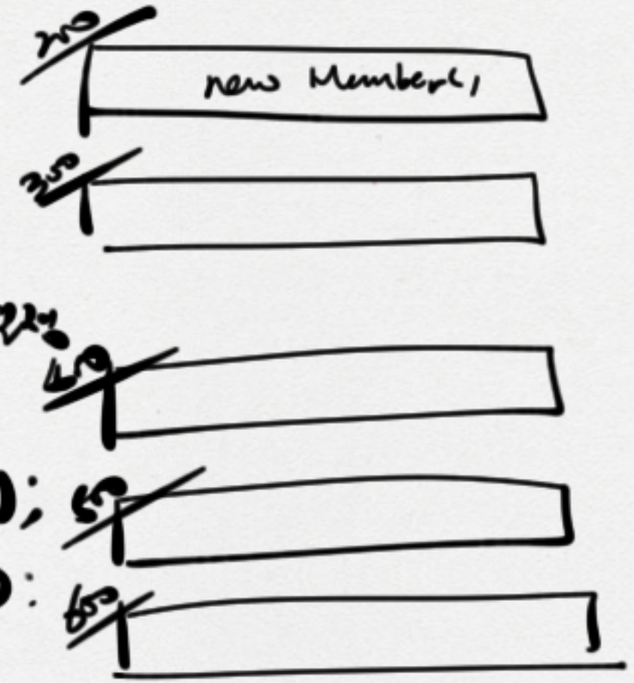
hashCode()

↓

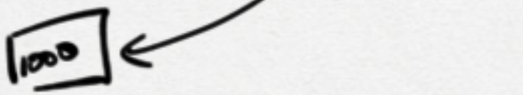
hash값 → 주소값

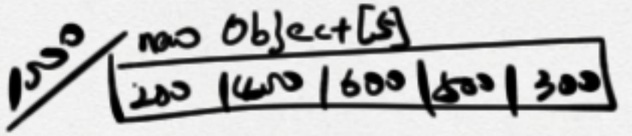
set.add(new Member(...));
set.add(new Member(...));
set.add(new Member(...));

600



Object[] arr = set.toArray()





* HashMap 과 key 목록