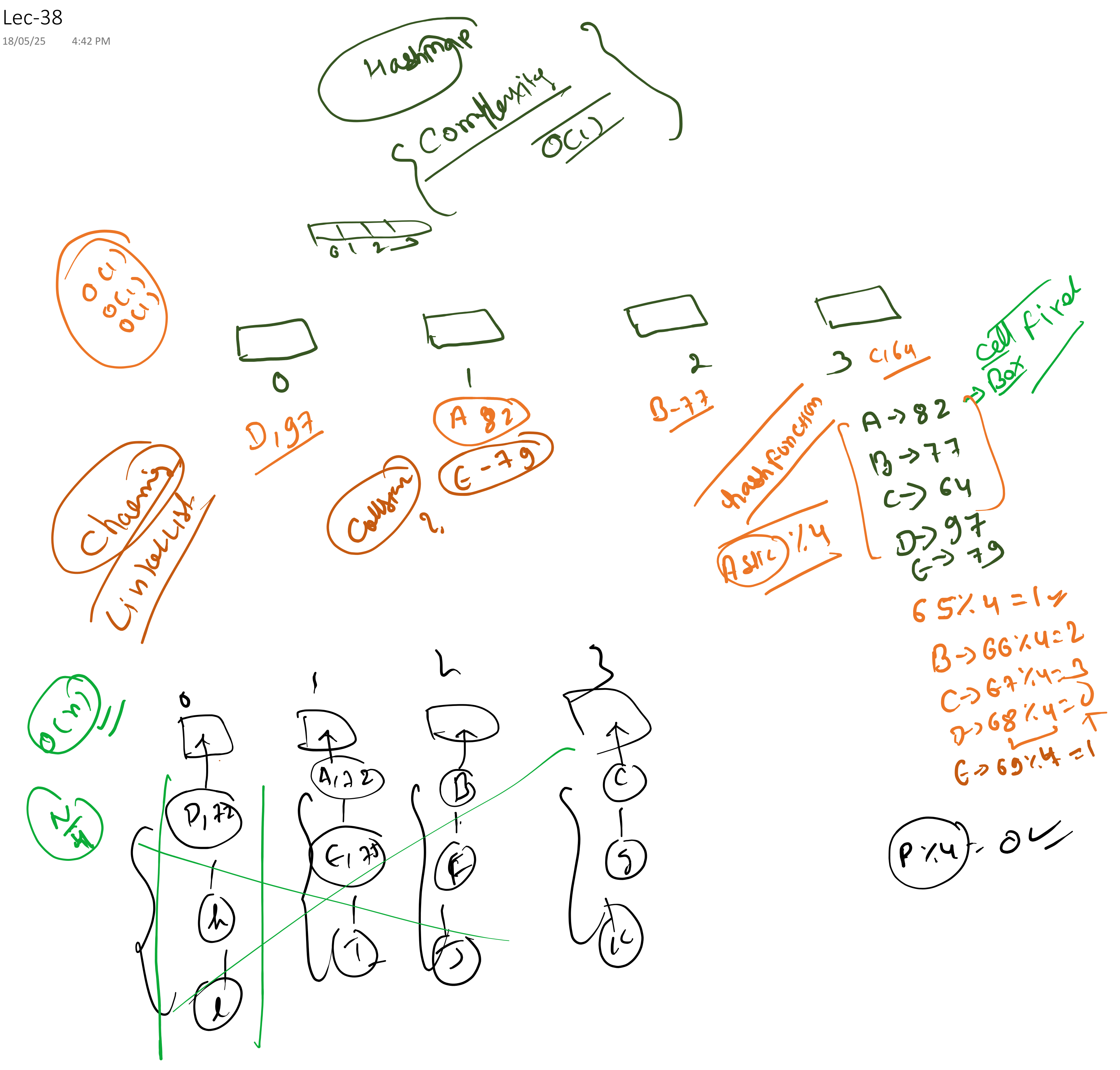
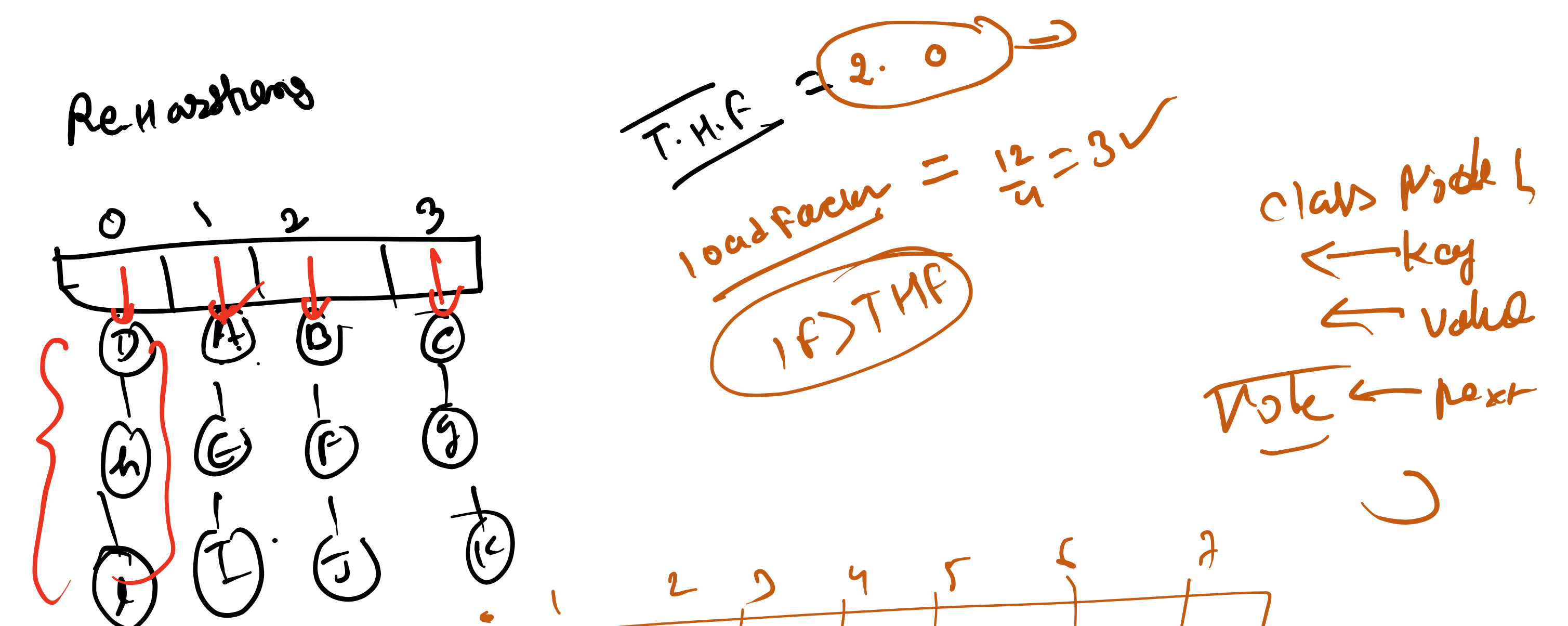
Lec-38

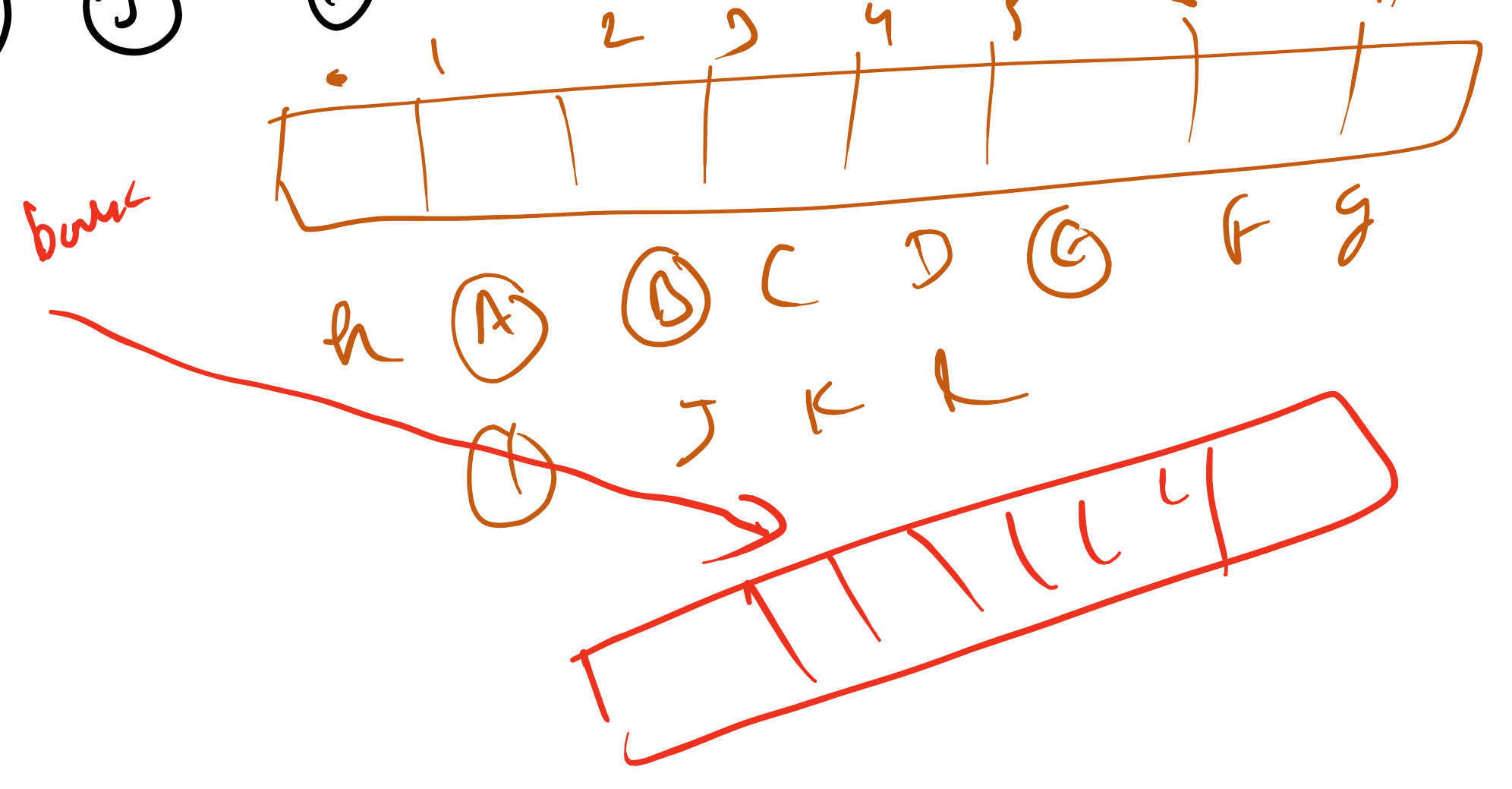
18/05/25 4:42 PM

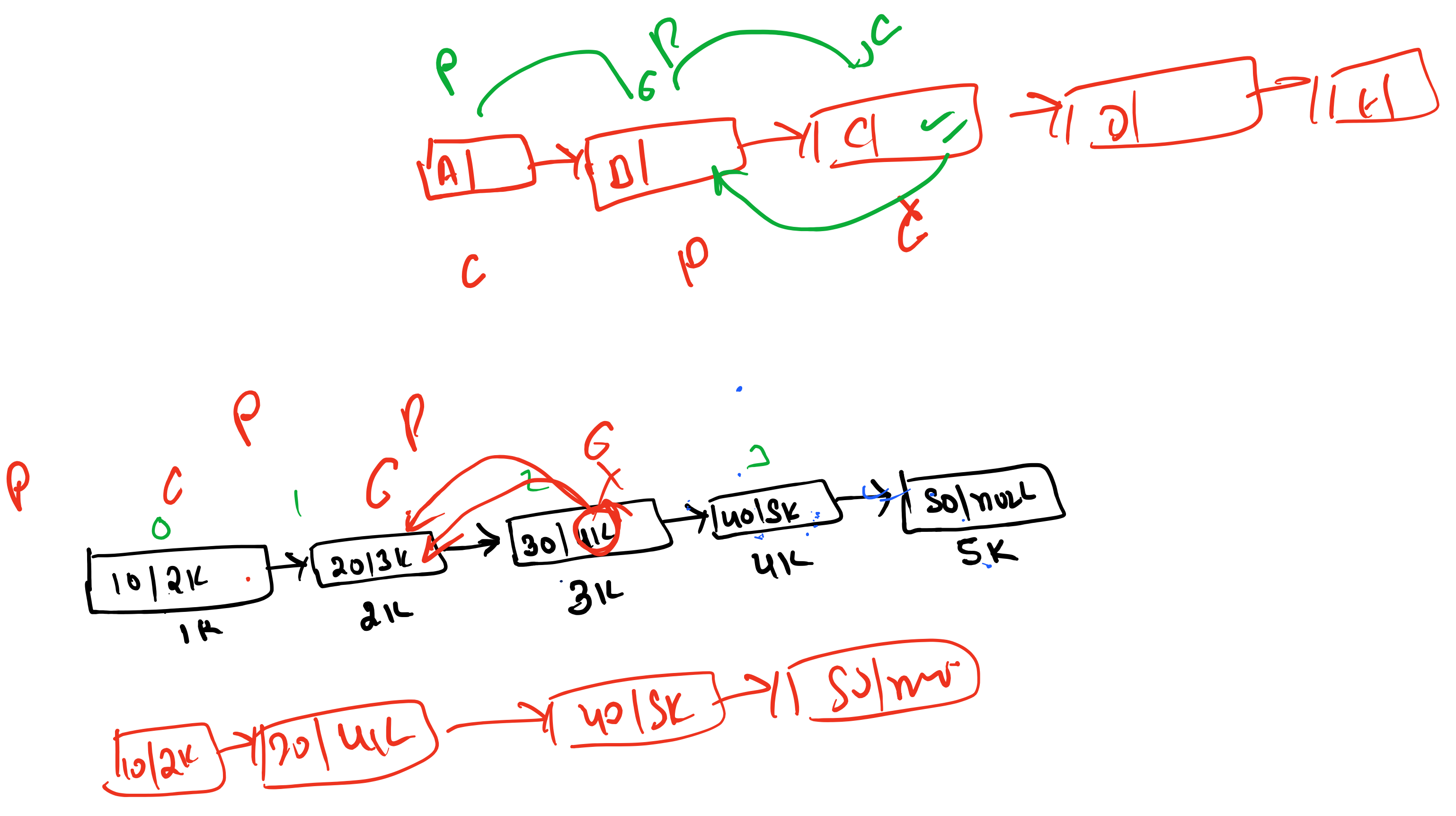


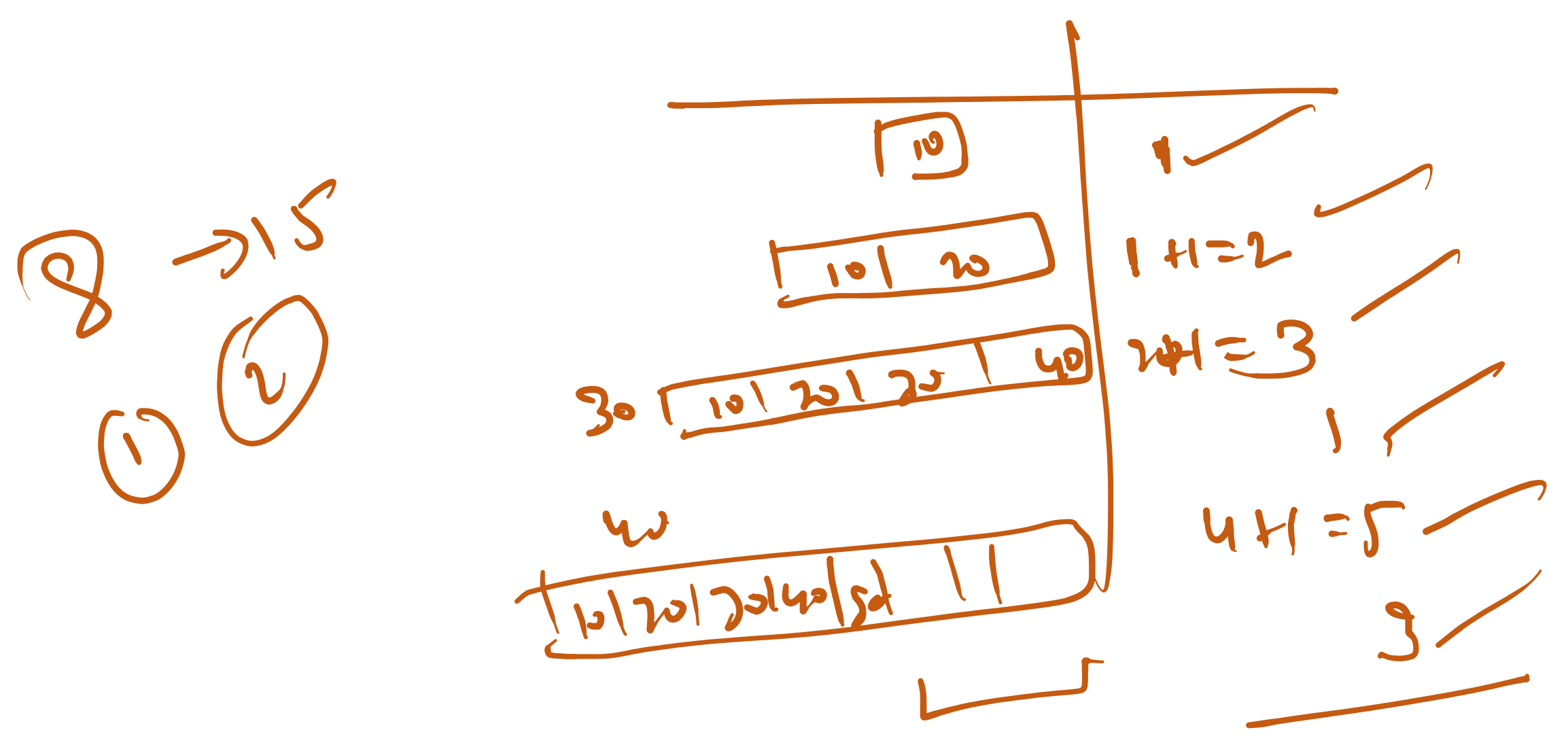


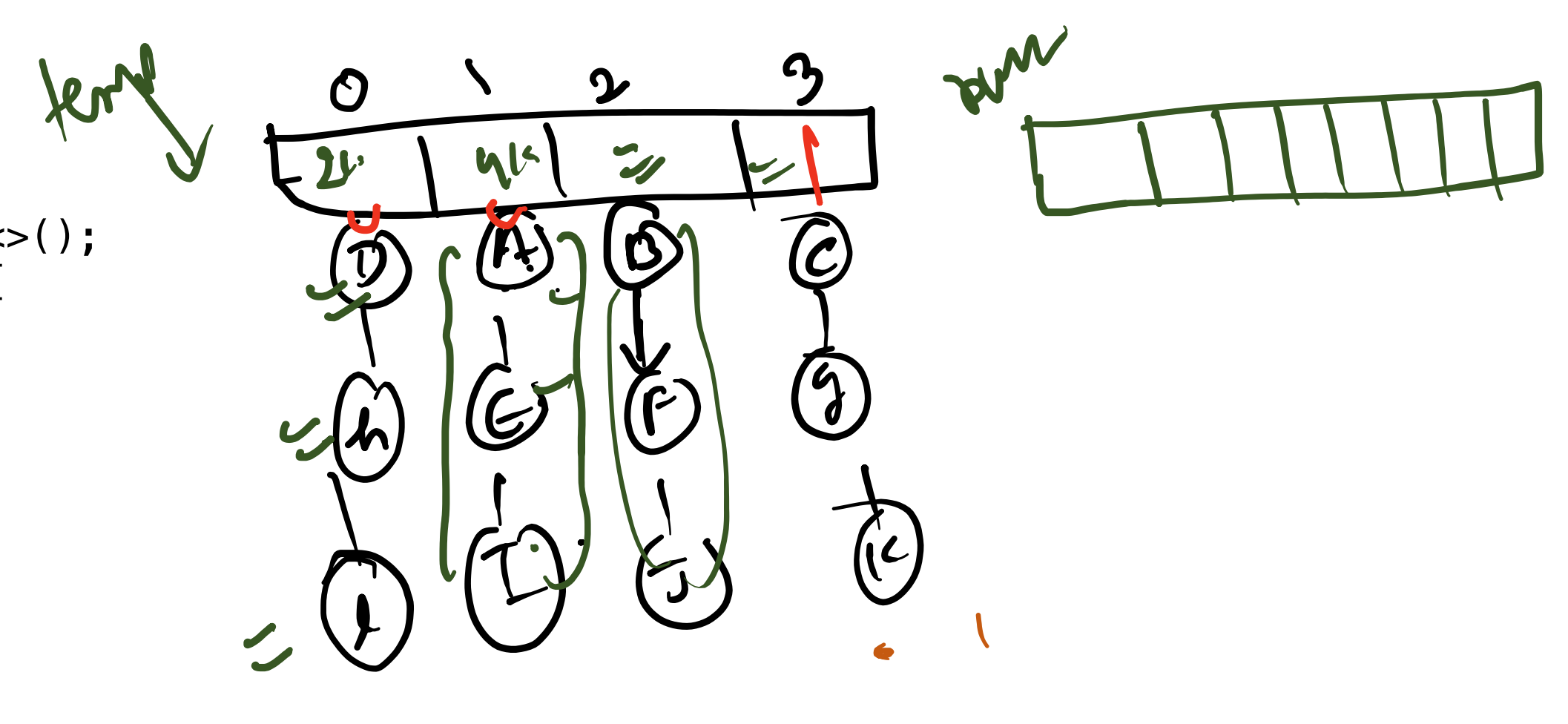
```java
public void put(K key, V value) {
		int idx = hashfun(key);
		Node temp = bukt.get(idx);
		while (temp != null) {
			if (temp.key.equals(key)) {
				temp.value = value;
				return;
			}
			temp = temp.next;
		}

	}
```



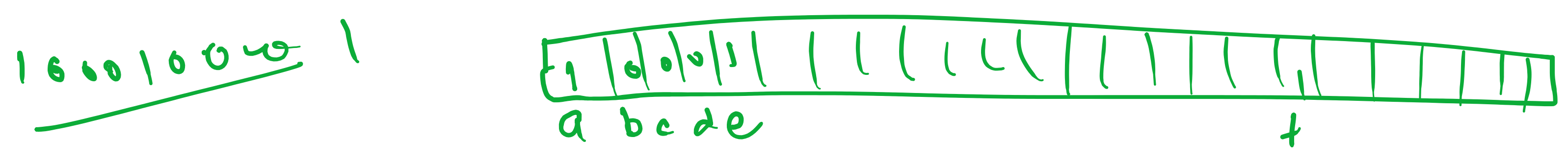


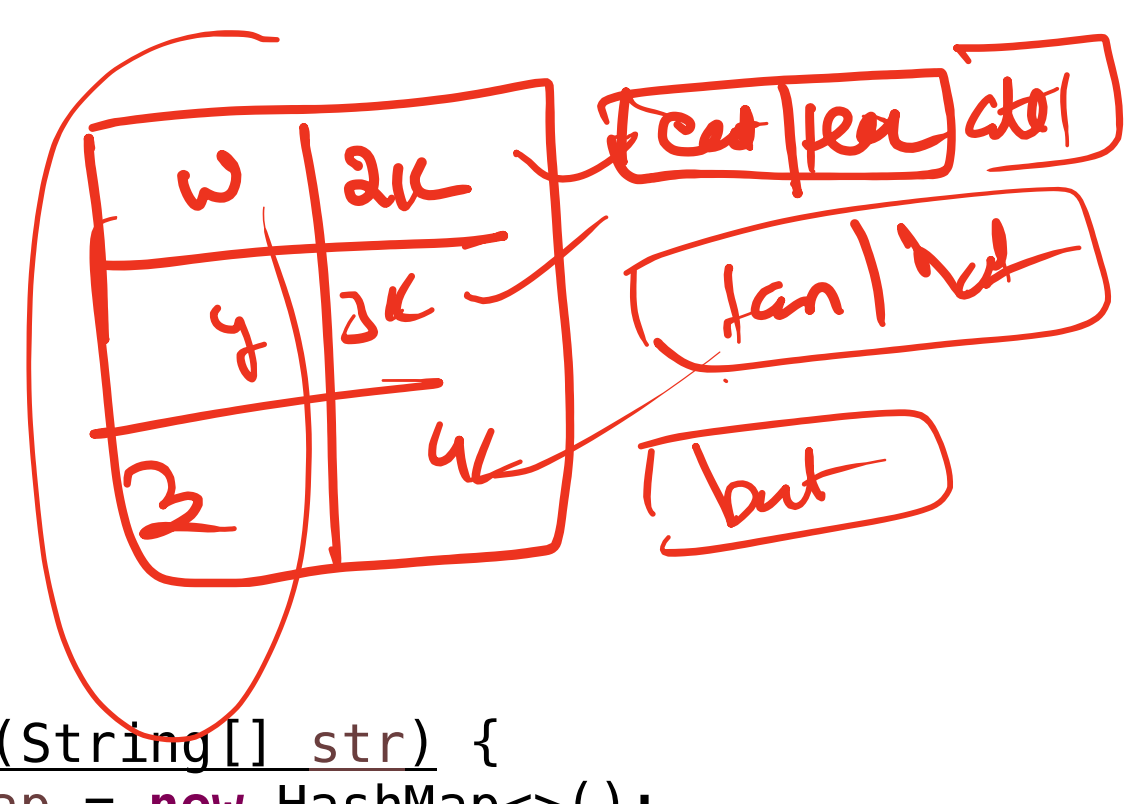


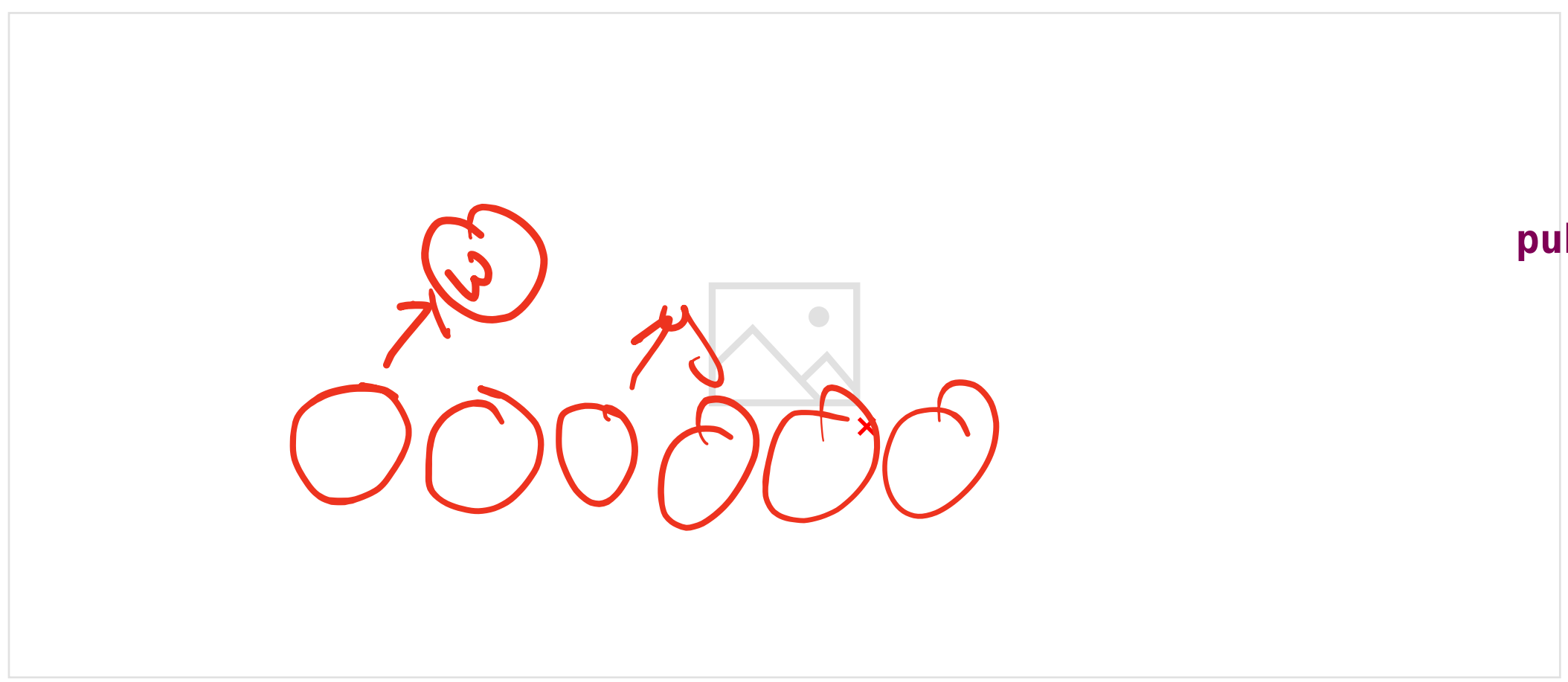


```java
private void rehashing() {
		// TODO Auto-generated method stub
		ArrayList<Node> new_bukt = new ArrayList<>();
		for (int i = 0; i < 2*bukt.size(); i++) {
			new_bukt.add(null);
		}
		ArrayList<Node> temp=bukt;
		size=0;
		bukt=new_bukt;
		for(Node head: temp) {
			while(head!=null) {
				put(head.key, head.value);
				head=head.next;
			}
		}

	}
```







```java
public List<List<String>> groupAnagrams(String[] str) {
		HashMap<String, List<String>> map = new HashMap<>();
		List<List<String>> ll = new ArrayList<>();
		for (int i = 0; i < str.length; i++) {
			String key=Key_for_Anagrams(str[i]);
			if(!map.containsKey(key)) {
				map.put(key, new ArrayList<>());
			}
			map.get(key).add(str[i]);
		}

	}
```

["bdddddddddd","bbbbbbbbbbc"]