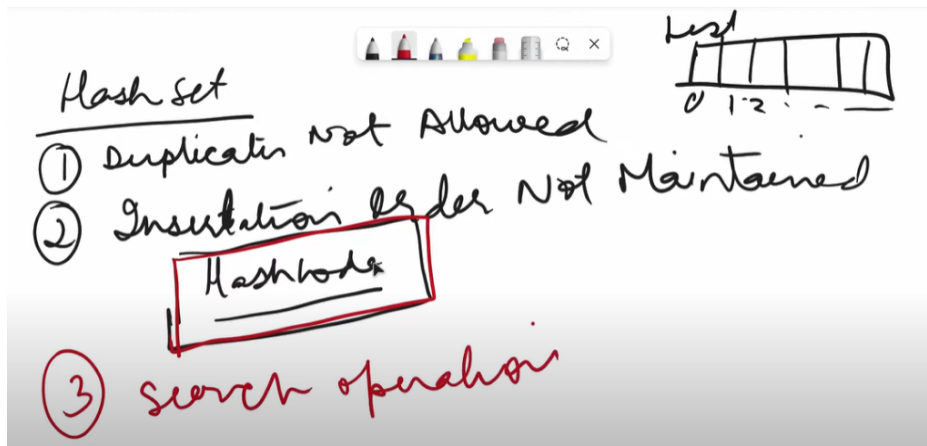
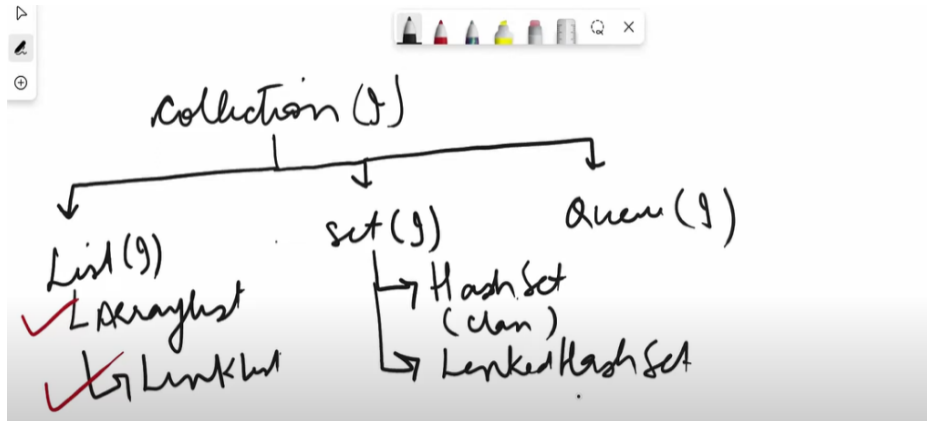


## Session -9 Hash Set

Monday, March 6, 2023 12:34 AM



### HASHSET

The important points about Java HashSet class are

HashSet contains unique elements only. Duplicates not allowed

HashSet allows null value.

HashSet doesn't maintain the insertion order. Here, elements are inserted on the basis of their hashcode.

HashSet is the best approach for search operations.

The initial default capacity of HashSet is 16, and the load factor is 0.75.

#### Creating a HashSet

```
// HashSet with 8 capacity and 0.75 load factor
HashSet<Integer> numbers = new HashSet<>(8, 0.75);
```

capacity - The capacity of this hash set is 8. Meaning, it can store 8 elements.

loadFactor - The load factor of this hash set is 0.6. This means, whenever our hash set is filled by 60%, the elements are moved to a new hash table.

The initial default capacity of HashSet is 16, and the load factor is 0.75.

#### Insert Elements to HashSet

