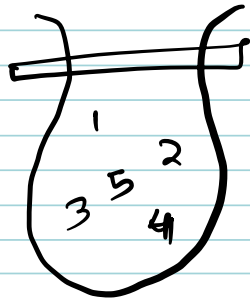# Hashset / Hashmap

**HASHSET**

→ A collection of unique data.

↳ The order is not maintained.

Ex:- Arr = { 1, 3, 2, 7, 5, -10, 11 }

↳ Hashset = { 3, 5, 11, -10, 7, 1 }

↳ Random Order

★ Real Life Example :-

→ User_name

→ email_id

→ Phone

\# HASH MAP

↳ It Contains Key - Value pair.

Ex:-

States (Key)	Population (Value)
Delhi	10
Bangalore	5
UP	15
Punjab	2

* <u>Real life Example</u>

① <u>Dictionary</u>

↳

Key	Value
Word	→ Meaning
User Id	→ Password

<u>Properties of Hashmap.</u>

* whatever we can achieve using HashSet, All the tasks can be even performed using Hashmap.

* Key has to be unique.

* Map can have two similar Value but not Key

* No order of Data

Ex:-   Set = { 1 , 2 , 3, 4, 5 }

Map = { 1 , 2 , 3, 4, 5 }   ← Key
         ↓   ↓   ↓   ↓   ↓
        Mon   Tue Wed Thu Fri

ONLINE IDE

https://www.scaler.com/topics/java/online-java-compiler/?snippet_slug=3456d45379caae511efb