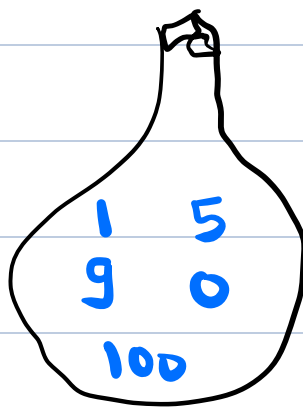


## HashSet & HashMap

"Sometime the smallest step in the right direction ends up being the biggest step of your life."

HashSet: HashSet is collection of unique element.

Can we store duplicate element inside array or arraylist : Yes

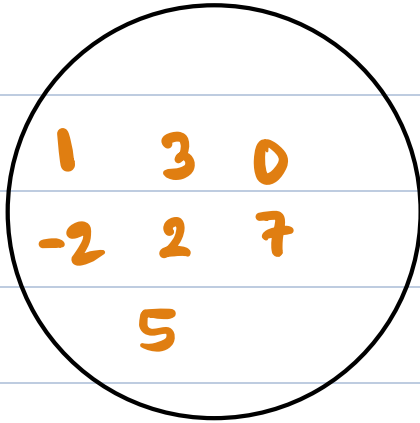


Example which contains unique elements.

PAN no., Adhar no., Passport no. email-id etc.

Array = { 1, 3, 0, -2, 1, 3, 2, 7, 5 }

HS: { 1, 3, 0, -2, 2, 7, 5 }



HashMap: Collection of key value pairs.

state info. along with its population.

State	Population
Punjab	10
Haryana	18
UP	20
Karnataka	30
MAHARASHTRA	25

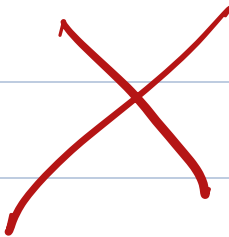
\* User11 - Password

\* Stud11 - Stu name.

Key	Value
P	15
H	18
D	18

\* Duplicate values are allowed.

Key	Value
P	15
H	18
P	20



\* Duplicate key are not allowed.