Hashing -

- HashSet- only value
- HashMap- key and value
- LinkedHashSet
- LinkedHashMap
- Hashtable(Legacy class)
- Properties

```
Hashing function – h(x) = x\%10 (It will take constant
time)
Ex- 15 - 15%10
```

10/15- remainder – 5 (mod)

28%10

10/28 – remainder – 8 (mod)

- In hash table 25% blank spaces must be there.
- Use only 75% of the table. This percentage of filing is called Loading Factor.
- Open Addressing Storing a key in the next place, If there is a collision is called Open Addressing.
- chaining in hashing- At each place more than one keys can be inserted and here we don't have a problem of loading factor, we can go on increasing the chain size as much as we want.

