SET (I)

Implementation clases

- (1) HarhSet
- , 2, Linked Hash Set
- 3, Tree set

SET & If you want to represent group of Endividual objects in a single entity where diplicates are not allowed then are can go with SET.

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Hauhset (C)

posperties:

- is it follows hashing only cetts Earthy for searching) intunelly
- (2) the internal data structure is hack table
- default capacity is 16 (3)
- 14, load factor 00.75 (when 75%) of the set is filled it create a new set) // fill ratio
- new Gpacits = old Capacity * 2
- deplicates are not allowed
- insution order is not maintained (1)
- Mull inserten is allowed (only once)
- majorly used for searching

Constructor

new (tablet() 1/16 0.75 /detaut 0-15 new Hashbet (collection () new Hash Set (int Initial Capacity) new tout set (Int initial Copacity, float load factor)

```
Linked Hash Set
                Hash Set
                                            , b Insulm rodu is maintained
in Insulin order is mainted
                                           er, Underlying data structure is knued hist
2. Underlying dats structure 15
                                             (insertin & deletin)
   hash table (retirered)
    TreeSet
            Constructor
                             new Trest()
                              new Treeset (Collection C)
                              new Treeset (Souted Set S)
                               new Treeset (Compensator C)
      method () [ present in Sorted Set (I) i-e inheited from it]
                      Object first () 1/10
                      object (ast () (1120
                                          79 end (e)
                     Sortellet headlet (Object 0) 1/19,50
                    SortedSet tail Set (Object 0) 1105 110 120
                    Serted set Susset (Object 0, Object 02) 1/ 79, pt, 105
                                  include encluserse
                            &ibset (79,106) 179,88,105
                      Comp anater componentor ()
   Proputing ()
                                                        "abr", 10 , True
```

il diplicated are not allowed

a, Insection and a Ry not prevent

13, tetegogenous object one not allowed

add lift type of det we will get we toich to [Class Cut Exception] Noul insufin is not allowed, if we tries to add we get Mullpointer Enception by default in Svoted order elements are * number on wrapper class follows according andy + stoines of follows difficiency/alphabetical order homogeneou & comparable object bat one said to be compensable if the class Comparable Porterface 1-e un Can fine integu des that graphements Companible ie all the unapper dance of Stoing class howe Comparable Enterface