

```
set ad
      list. add ("cherry");
                                                              system
    output: (Apple, cheary);
  3. Hashset: A hashset is a set implementation
    uses a host table for storage.
    code : import Java. util *; 5
      class hoshsetf
       public static void main (strings largs)
        howhset < string > set: new howhset <>();
         set add ("Apple");
        set add ("Icecream");
     system out printen (set);
   Output: [ Apple Icecream]
1 Treeset: A treeset is a set implementation that uses
  a tree for storage.
 Code : import Java. util. *;
   class Treeseter {
     public static void main (string args 13){
     Treeset 2string > set = new treeset 47();
       set add ("Apple");
```

```
set add ("Banana");
           set add ("cherry");
system out. printon (set);
that
           Output: (Apple, Banana, Cherry)
        5. Hashmap: a map implementation that uses a
            table for storage.
           import Java util. *;
          clas hash map ox &
            public static void main (string args[7){
          hashmap < string. Integer > map = new hashmap <> ();
           map. put (" Apple", 1);
           map put ("Banana",2);
           map put (" cherry", 3);
          system out pointen (map);
        Output: { Apple=1, Banana =2, cherry = 3}
                A tree map is a
        uses a free storage.
       Code: import fava. util. *;
       class Treemapex {
      public static void main (string args[]) s
```

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Priori
    Tree map (string. Integer map = new Tree map ());
                                                             mat
    map. put (" Apple ", 1);
    map put ("Banana", 2);
    map put ("cherry", 3);
   system out printer (map);
   Output: [Apple = 1, Barana = 2, Cherry = 3]
7. (inked hosh set;
     A linked hashset is a set implementation that uses
  a hash-table and linked list for storage.
  Code : Pimport Java util. *;
   clas linked hoshset ext
    public static void main (string engs []){
   Linked hashset estaines set = new linked hashset < >();
  set add ("Apple");
  set add ("Banana");
  set. add ("cherry");
system out pointln (set);
output:
  [ Apple, Banana, cherry ]
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Ove

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stack: LIFO emplementation of list interface
   Import Java. util *:
  class stack (
  public static void main (string args (]);
   stack . push ("Apple");
   stack. push ("Barrana");
   stack. Puch ('cherry");
  system out printen (stack);
  Output: [Apple, Banana, cherry]
                                          implementation
11. Vector: A vector is a synchronized
   of the list interface.
    Import Java viil *;
   class vectorex {
   public static void main (string argsc7){
  Vector estring > vector = new vector <> ();
   vector add ("Apple");
   vector add (" pango");
  system.out.println (vector).
output:
       [ Apple, mango]
```