Maps:

HashMap, TreeMap, LinkedHashMap, IdentityHashMap, Enummap

**Methods** of Map:

1. public Object put(Object key, Object value) :- is used to insert an entry in this map.
2. public void putAll(Map map) :- is used to insert the specified map in this map.
3. public Object remove(Object key) :- is used to delete an entry for the specified key.
4. public Object get(Object key) :- is used to return the value for the specified key.
5. public boolean containsKey(Object key) :- is used to search the specified key from this map.
6. public Set keySet() :- returns the Set view containing all the keys.
7. public Set entrySet() :- returns the Set view containing all the keys and values.

**package** test123package;

1. **import** java.util.\*;
2. **public** **class** TestHashMap {
3. **public** **static** **void** main(String args[])
4. {
5. HashMap< String,Integer> hm = **new** HashMap< String,Integer>();
6. hm.put("a", **new** Integer(100));
7. hm.put("b", **new** Integer(200));
8. hm.put("c", **new** Integer(300));
9. hm.put("d", **new** Integer(400));
11. // Returns Set view
12. Set< Map.Entry< String,Integer> > st = hm.entrySet();
14. **for** (Map.Entry< String,Integer> me:st)
15. {
16. System.***out***.print(me.getKey()+":");
17. System.***out***.println(me.getValue());
18. }
19. hm.remove("d");
20. hm.put("e", **new** Integer(500));
21. System.***out***.println(hm.entrySet());
22. }
23. }