6. Write a program in Java to verify implementations of maps

**package** mapverification;

**import** java.util.\*;

**public** **class** MapVerification {

**public** **static** **void** main(String[] args) {

// HashMap

Map<String, Integer> hashMap = **new** HashMap<>();

hashMap.put("One", 1);

hashMap.put("Two", 2);

hashMap.put("Three", 3);

System.***out***.println("HashMap: " + hashMap);

// TreeMap

Map<String, Integer> treeMap = **new** TreeMap<>();

treeMap.put("Apple", 1);

treeMap.put("Banana", 2);

treeMap.put("Orange", 3);

System.***out***.println("TreeMap: " + treeMap);

// LinkedHashMap

Map<String, Integer> linkedHashMap = **new** LinkedHashMap<>();

linkedHashMap.put("Apple", 1);

linkedHashMap.put("Banana", 2);

linkedHashMap.put("Orange", 3);

System.***out***.println("LinkedHashMap: " + linkedHashMap);

// Hashtable

Map<String, Integer> hashtable = **new** Hashtable<>();

hashtable.put("One", 1);

hashtable.put("Two", 2);

hashtable.put("Three", 3);

System.***out***.println("Hashtable: " + hashtable);

}

}

Output:

