Assignment No:-51

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Batch: - Delta - DCA (Java) 2024 Date: -23/7/2024

1. Write a Java program to associate the specified value with the specified key in a Tree Map.

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2. Write a Java program to copy Tree Map's content to another Tree Map.

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| Console X | Cons
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3. Write a Java program to search for a key in a Tree Map.

4. Write a Java program to search for a value in a Tree Map.

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| Search | Composition | Composition | Composition | Search | Composition | Compositio
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5. Write a Java program to get all keys from a Tree Map.

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6. Write a Java program to delete all elements from a Tree Map.

7. Write a Java program to sort keys in a Tree Map by using a comparator.

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| 1 package assignment51.TreeMap.com; | New York | New
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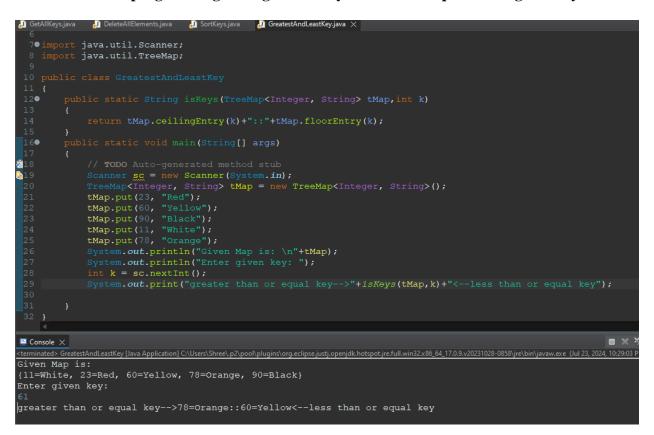
8. Write a Java program to get a key-value mapping associated with the greatest key and the least key in a map.

9. Write a Java program to get the first (lowest) key and the last (highest) key currently in a map.

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10. Write a Java program to get a reverse order view of the keys contained in a given map.

- 11. Write a Java program to get a key-value mapping associated with the greatest key less than or equal to the given key.
- 12. Write a Java program to get the greatest key less than or equal to the given key.



13. Write a Java program to get the portion of a map whose keys are strictly less than a given key.

14. Write a Java program to get the portion of this map whose keys are less than (or equal to, if inclusive is true) a given key.

15. Write a Java program to get the least key strictly greater than the given key. Return null if there is no such key.

16. Write a Java program to get a key-value mapping associated with the greatest key strictly less than the given key. Return null if there is no such key.

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General Markey December 1 package assignment51.TreeMap.com;

1 package assignment51.TreeMap.com;

2 import java.util.Scanner;

4 import java.util.TreeMap;

5 public class StrictlyLessAndGreaterIfNull

7 {
    public static String isReys(TreeMap<Integer, String> tMap, int k)
    p (
        if (tMap.containsRey(k))
        | return tMap.BowesEntry(k)|
        | return null;
        | ship public static void main (String[] args)
        | ship publi
```

17. Write a Java program to get the greatest key strictly less than the given key. Return null if there is no such key.

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18. Write a Java program to get a NavigableSet view of keys in a map.

19. Write a Java program to remove and get a key-value mapping associated with the least key in a map.

20. Write a Java program to remove and get a key-value mapping associated with the greatest key in this map.

21. Write a Java program to get the portion of a map whose keys range from a given key (inclusive) to another key (exclusive).

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22. Write a Java program to get the portion of a map whose keys range from a given key to another key.