***SortedMap (Interface)***

*A*[*Map*](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)*that further provides a total ordering on its keys. The map is ordered according to the*[*natural ordering*](https://docs.oracle.com/javase/8/docs/api/java/lang/Comparable.html)*of its keys, or by a*[Comparator](https://docs.oracle.com/javase/8/docs/api/java/util/Comparator.html)*typically provided at sorted map creation time.*

***Important Functions/Operations of SortedMap interface***

|  |  |
| --- | --- |
| ***Return Type*** | ***Methods*** |
| [Comparator](https://docs.oracle.com/javase/8/docs/api/java/util/Comparator.html)<? super [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [comparator](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#comparator--)() |
| [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html) | [first](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#first--)Key() |
| [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html) | [last](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#last--)Key() |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [headMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#headSet-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) toKey) |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [subMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#subSet-E-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) fromKey, [**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) toKey) |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [tailMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#tailSet-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) fromKey) |

*Refer:* [*https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html*](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html)

***NavigableMap (Interface)***

***Important Functions/Operations of NavigableMap interface***

|  |  |
| --- | --- |
| *Return Type* | **Methods** |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [ceilingEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#ceilingEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [ceilingKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#ceilingKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [floorEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#floorEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [floorKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#floorKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [lowerEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#lowerEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | lowerKey([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [higherEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#higherEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [higherKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#higherKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [firstEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#firstEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [lastEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#lastEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [pollFirstEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#pollFirstEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [pollLastEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#pollLastEntry--)() |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [headMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#headMap-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) toKey, boolean inclusive) |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [subMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#subMap-K-boolean-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) fromKey, boolean fromInclusive, [K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) toKey, boolean toInclusive) |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [tailMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#tailMap-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) fromKey, boolean inclusive) |
| [NavigableSet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableSet.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)> | [descendingKeySet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#descendingKeySet--)() |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [descendingMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#descendingMap--)() |
| [NavigableSet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableSet.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)> | [navigableKeySet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#navigableKeySet--)() |

***TreeMap***

***Important Functions/Operations of TreeMap***

***Important Functions/Operations of Map interface***

|  |  |
| --- | --- |
| *Return Type* | **Methods** |
| V | [put](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#put-K-V-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) value) |
| void | [putAll](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#putAll-java.util.Map-)([Map](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)<? extends [K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? extends [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> m) |
| default V | [putIfAbsent](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#putIfAbsent-K-V-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) value) |
| V | [get](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#get-java.lang.Object-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) key) |
| V | [remove](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#remove-java.lang.Object-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) key) |
| default boolean | [remove](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#remove-java.lang.Object-java.lang.Object-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) key, [Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) value) |
| boolean | [containsKey](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#containsKey-java.lang.Object-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) key) |
| boolean | [containsValue](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#containsValue-java.lang.Object-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) value) |
| int | [size](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#size--)() |
| boolean | [isEmpty](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#isEmpty--)() |
| void | [clear](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#clear--)() |
| default V | [replace](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#replace-K-V-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) value) |
| default boolean | [replace](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#replace-K-V-V-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) oldValue, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) newValue) |
| [Set](https://docs.oracle.com/javase/8/docs/api/java/util/Set.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> | [keySet](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#keySet--)() |
| [Collection](https://docs.oracle.com/javase/8/docs/api/java/util/Collection.html)<[V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> | [values](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#values--)() |
| [Set](https://docs.oracle.com/javase/8/docs/api/java/util/Set.html)<[Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html" \o "interface in java.util)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html" \o "type parameter in Map)>> | [entrySet](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#entrySet--)() |
| int | [hashCode](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#hashCode--)() |
| K | getKey() |
| V | getValue() |
| V | setValue(V value) |
| default [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) | [compute](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#compute-K-java.util.function.BiFunction-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [BiFunction](https://docs.oracle.com/javase/8/docs/api/java/util/function/BiFunction.html" \o "interface in java.util.function)<? super [K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? super [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? extends [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> remappingFunction) |
| default [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) | [computeIfAbsent](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#computeIfAbsent-K-java.util.function.Function-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [Function](https://docs.oracle.com/javase/8/docs/api/java/util/function/Function.html)<? super [K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? extends [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> mappingFunction) |
| default [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) | [computeIfPresent](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#computeIfPresent-K-java.util.function.BiFunction-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [BiFunction](https://docs.oracle.com/javase/8/docs/api/java/util/function/BiFunction.html" \o "interface in java.util.function)<? super [K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? super [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? extends [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> remappingFunction) |
| default void | [forEach](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#forEach-java.util.function.BiConsumer-)([BiConsumer](https://docs.oracle.com/javase/8/docs/api/java/util/function/BiConsumer.html" \o "interface in java.util.function)<? super [K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? super [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> action) |
| default [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) | [getOrDefault](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#getOrDefault-java.lang.Object-V-)([Object](https://docs.oracle.com/javase/8/docs/api/java/lang/Object.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) defaultValue) |
| default [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) | [merge](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html#merge-K-V-java.util.function.BiFunction-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) key, [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html) value, [BiFunction](https://docs.oracle.com/javase/8/docs/api/java/util/function/BiFunction.html" \o "interface in java.util.function)<? super [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? super [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html),? extends [V](https://docs.oracle.com/javase/8/docs/api/java/util/Map.html)> remappingFunction) |

***Important Functions/Operations of SortedMap interface***

|  |  |
| --- | --- |
| ***Return Type*** | ***Methods*** |
| [Comparator](https://docs.oracle.com/javase/8/docs/api/java/util/Comparator.html)<? super [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [comparator](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#comparator--)() |
| [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html) | [first](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#first--)Key() |
| [E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html) | [last](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#last--)Key() |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [headMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#headSet-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) toKey) |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [subMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#subSet-E-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) fromKey, [**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) toKey) |
| [SortedSet](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)<[E](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html)> | [tailMap](https://docs.oracle.com/javase/8/docs/api/java/util/SortedSet.html#tailSet-E-)([**K**](https://docs.oracle.com/javase/8/docs/api/java/util/SortedMap.html) fromKey) |

***Important Functions/Operations of NavigableMap interface***

|  |  |
| --- | --- |
| *Return Type* | **Methods** |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [ceilingEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#ceilingEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [ceilingKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#ceilingKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [floorEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#floorEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [floorKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#floorKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [lowerEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#lowerEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | lowerKey([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [higherEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#higherEntry-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| K | [higherKey](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#higherKey-K-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) key) |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [firstEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#firstEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [lastEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#lastEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [pollFirstEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#pollFirstEntry--)() |
| [Map.Entry](https://docs.oracle.com/javase/8/docs/api/java/util/Map.Entry.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [pollLastEntry](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#pollLastEntry--)() |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [headMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#headMap-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) toKey, boolean inclusive) |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [subMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#subMap-K-boolean-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) fromKey, boolean fromInclusive, [K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) toKey, boolean toInclusive) |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [tailMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#tailMap-K-boolean-)([K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html) fromKey, boolean inclusive) |
| [NavigableSet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableSet.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)> | [descendingKeySet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#descendingKeySet--)() |
| [NavigableMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html),[V](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html" \o "type parameter in NavigableMap)> | [descendingMap](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#descendingMap--)() |
| [NavigableSet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableSet.html)<[K](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html)> | [navigableKeySet](https://docs.oracle.com/javase/8/docs/api/java/util/NavigableMap.html#navigableKeySet--)() |