

# JAVA.UTIL.ENUMSET.RANGE METHOD

[http://www.tutorialspoint.com/java/util/enumset\\_range.htm](http://www.tutorialspoint.com/java/util/enumset_range.htm)

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## Description

The **java.util.EnumSet.range***Efrom, Eto* method creates an enum set initially containing all of the elements in the range defined by the two specified endpoints.

## Declaration

Following is the declaration for **java.util.EnumSet.range** method

```
public static <E extends Enum<E>> EnumSet<E> range(E from, E to)
```

## Parameters

- **from** -- the first element in the range
- **to** -- the last element in the range

## Return Value

This method returns an enum set initially containing all of the elements in the range defined by the two specified endpoints.

## Exception

- **NullPointerException** -- if first or last are null
- **IllegalArgumentException** -- if first > last

## Example

The following example shows the usage of java.util.EnumSet.range method.

```
package com.tutorialspoint;

import java.util.*;

public class EnumSetDemo {

    // create an enum
    public enum Numbers {

        ONE, TWO, THREE, FOUR, FIVE
    };

    public static void main(String[] args) {

        // create a set
        EnumSet<Numbers> set;

        // add one element
        set = EnumSet.range(Numbers.TWO, Numbers.FIVE);

        // print the set
        System.out.println("Set:" + set);

    }
}
```

Let us compile and run the above program, this will produce the following result:

Set: [TWO, THREE, FOUR, FIVE]

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