

JAVA.UTIL.ENUMSET.OF METHOD

http://www.tutorialspoint.com/java/util/enumset_of_e4.htm

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Description

The **java.util.EnumSet.ofEe1, Ee2, Ee3, Ee4** method creates an enum set initially containing the four specified elements.

Declaration

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

```
public static <E extends Enum<E>> EnumSet<E> of(E e1, E e2, E e3, E e4)
```

Parameters

- **e1** -- the element that this set is to contain initially.
- **e2** -- another element that this set is to contain initially.
- **e3** -- another element that this set is to contain initially.
- **e4** -- another element that this set is to contain initially.

Return Value

This method returns an enum set initially containing the specified elements.

Exception

- **NullPointerException** -- if any of parameters is null

Example

The following example shows the usage of java.util.EnumSet.Of 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 elements
        set = EnumSet.of(Numbers.FIVE, Numbers.FOUR, Numbers.THREE, Numbers.TWO);

        // 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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