

JAVA.LANG.ENUM CLASS

http://www.tutorialspoint.com/java/lang/java_lang_enum.htm

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Introduction

The **java.lang.Enum** class is the common base class of all Java language enumeration types.

Class declaration

Following is the declaration for **java.lang.Enum** class:

```
public abstract class Enum<E> extends Enum<E>>
    extends Object
    implements Comparable<E>, Serializable
```

Class constructors

S.N. Constructor & Description

- 1 **protected Enum(String name, int ordinal)**
This is the single constructor.

Class methods

S.N. Method & Description

- 1 [protected Object clone](#)
This method throws CloneNotSupportedException.
- 2 [int compareTo\(E o\)](#)
This method compares this enum with the specified object for order.
- 3 [boolean equals\(Object other\)](#)
This method returns true if the specified object is equal to this enum constant.
- 4 [protected void finalize](#)
This method returns enum classes cannot have finalize methods.
- 5 [Class<E> getDeclaringClass](#)
This method returns the Class object corresponding to this enum constant's enum type.
- 6 [int hashCode](#)

This method returns a hash code for this enum constant.

7

[String name](#)

This method returns the name of this enum constant, exactly as declared in its enum declaration.

8

[int ordinal](#)

This method returns the ordinal of this enumeration constant
its position in its enum declaration, where the initial constant is assigned an ordinal of zero.

9

[String toString](#)

This method returns the name of this enum constant, as contained in the declaration.

10

[static <T extends Enum<T>> T valueOfClass < T > enumType, String name](#)

This method returns the enum constant of the specified enum type with the specified name.

Methods inherited

This class inherits methods from the following classes:

• [java.lang.Object](#)

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