

JAVA.LANG.ENUM.ORDINAL METHOD

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

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Description

The **java.lang.Enum.ordinal** method returns the ordinal of this enumeration constant *its position in its enum declaration, where the initial constant is assigned an ordinal of zero.*

Declaration

Following is the declaration for **java.lang.Enum.ordinal** method

```
public final int ordinal()
```

Parameters

- NA

Return Value

This method returns the ordinal of this enumeration constant.

Exception

- NA

Example

The following example shows the usage of java.lang.Enum.ordinal method.

```
package com.tutorialspoint;

import java.lang.*;

// enum showing Mobile prices
enum Mobile {
    Samsung(400), Nokia(250), Motorola(325);

    int price;
    Mobile(int p) {
        price = p;
    }
    int showPrice() {
        return price;
    }
}

public class EnumDemo {

    public static void main(String args[]) {

        System.out.println("CellPhone List:");
        for(Mobile m : Mobile.values()) {
            System.out.println(m + " costs " + m.showPrice() + " dollars");
        }

        Mobile ret = Mobile.Samsung;
        System.out.println("The ordinal is = " + ret.ordinal());
        System.out.println("MobileName = " + ret.name());
    }
}
```

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

```
CellPhone List:  
Samsung costs 400 dollars  
Nokia costs 250 dollars  
Motorola costs 325 dollars  
The ordinal is = 0  
MobileName = Samsung
```

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