

## ENUM :

- Enum is a member of .java file .
- Enum also created .class file .
- Enums are also like class, interface.
- Enums are introduced jdk 1.5 .
- Enums are used for grouping similar kind of fixed number of constants.
- Every constants should be unique and delimited with comma.
- Every enums should be a valid identifier.
- All enums are an public, static, default.
- Inside a enum not only enum constants we can keep attributes, constructor , methods.
- Enums are very similar to class , enums constants are very similar to object.
- Enums are not involved in inheritance.
- Internally whenever we compile enum will be converted into class and constants converted into class objects.

Example :-

```
Package pack1;
```

```
Enum A
```

```
{  
    C1,C2,C3,C4; // constants  
}
```

Example :-

```
Package pack1;
```

```
Enum A
```

```
{  
  
}
```

```
Class B
```

```
{
```

```
}
```

Interface C

```
{
```

```
}
```

In this example there are 3 .class files created

- Interface is also creates a class.
- Constants should always written in uppercase.
- All constants are public , private, default, final.
- Ordinal methods is an another built in method that returns order of the enum method.