

# Java

- description :
- author :
- email : dhan@repia.com
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## Java

( ) Oracle / Code Conventions for Java™ Programming Language / 1999-4-20  
 ( )

```

1.
    extends
2.
    가 super();
    ,
    가
3.
    (@Override)
    ( , , ) 가
    (public, protected, default, private)
    @Override
    super. ()
4. final
    final class: String final
    final method():
5. (Polymorphism)
6. instanceof
    : if(A instanceof B )
7. (abstract)
    (new) 가
    가
    1. ( )
  
```

```

2.
[public | protected] abstract
    (
        , ...);
    @Override
    .

```

|           |     |   |
|-----------|-----|---|
|           |     |   |
| public    | , , |   |
| protected | , , | 가 |
| default   | , , |   |
| private   | , , |   |

( )

- [Batch\(\)\\_ \\_DB](#)
- [JDBC](#)
- [Math](#)
- 
- [Jenkins\( \)](#)

- [get, post 가](#)
  - [ibatis to mybatis](#)
  - [jackson](#)
  - [jsoup](#)
  - [selenium](#)
  - [List](#)
  - [Regular Expression](#)
  - 
  - 
  - 
  - [/ How to check whether an array contains a particular value](#)
- [in java](#)

(Javascript)

base URL .

```

function absolute(base, relative) {
    var stack = base.split("/"),
        parts = relative.split("/");
    stack.pop(); // remove current file name (or empty string)
                  // (omit if "base" is the current folder without trailing
slash)
    for (var i=0; i<parts.length; i++) {
        if (parts[i] == ".")

```

```

        continue;
    if (parts[i] == "..")
        stack.pop();
    else
        stack.push(parts[i]);
    }
    return stack.join("/");
}

```

- [XSS injection prevention](#)

## Apache-commons

- commons-lang
  - [StringUtils](#)
- commons-io
  - [FileUtils](#)
- commons-codec
  - [Base64](#)

## Boolean vs boolean

|         |     |      |             |      |      |
|---------|-----|------|-------------|------|------|
| boolean |     |      | true, false |      | null |
| null    |     |      | Boolean     |      | .    |
|         | int | null | Integer     | null | .    |

## Cast

### [Convert double to float in Java](#)

```

double d = getInfoValueNumeric();
float f = (float)d;

```

*// Also notice that the primitive types can NOT store an infinite set of numbers:*

```

// float range: from 1.40129846432481707e-45 to 3.40282346638528860e+38
// double range: from 1.7e-308 to 1.7e+308

```

# Date

- 
- 
- [Date java](#) , , ,

# enum

Naming (Week.java, Role.java, ...) // Camel case  
 (MONDAY, ROOT, ...) // Snake case

Calendar.class ~  
 , , ...

TableStatus.java

```
// public enum <-
//
public enum TableStatus
{
  Y("1", true)
  , N("0", false);

  private String table1Value;
  private boolean table2Value;

  TableStatus(String table1Value, boolean table2Value)
  {
    this.table1Value = table1Value;
    this.table2Value = table2Value;
  }

  public String getTable1Value()
  {
    return table1Value;
  }

  public boolean isTable2Value() { return table2Value; }
}
```

- values()
  -
- ordinal()

- 
- [valueOf\(\)](#)
  - 
  - [String](#) [String](#) [가](#) [IllegalArgumentException](#)

[Java Enum enum](#)

## Format

- 
- [JAVA/ Float](#)

## Library



- 

## Log

[logging framework logback](#)

## Map

- [How to Convert List to Map in Java](#)

## Optional

|          |      |            |        |
|----------|------|------------|--------|
| Optional | “    | ”, , “null | ”      |
| 가        | WRAP | Collection | Stream |
|          |      | null       | 가      |

### Optional.ofNullable(value)

```

null Optional
Optional.empty() Optional.ofNullable(value)
null , NPE Optional.empty() Optional
가 null

```

8 Optional 2 : null

## Reflection

- [Call Methods at Runtime Using Java Reflection](#)

## Servlet, Request, Context

- [Servlet, Request, Context](#)

## String

- [replaceAll, replace](#)

## Thread

- 

**- try{} catch(){} finally{}**

- [e.toString\(\), e.getMessage\(\), e.printStackTrace\(\)](#)
- [Spring Guide - Exception](#)

## Ref

- [concurrency](#)
- [fcntl](#)
- [, java, doc2vec](#)

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