# Code Conventions for the Java Programming Language

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# 10.                              ( Programming Practices )

## 10.1

public                        .
                                                                      .

   public
   .   ,            **struct**            (Java  **struct**                    ),
   public                                .

## 10.2

                        (static)                                    .                                .
          :

```
classMethod();              // OK
AClass.classMethod();       // OK
anObject.classMethod();     //
```

## 10.3      ( Constants )

       (       )  **for**                                          -1, 0    1

.

# 10.4 ( Variable Assignments)

.                .                :

```
fooBar.fChar = barFoo.Ichar='c';    //
```

( equality operator )                                    ( assignment operator )
.            :

```
if (c++ = d++) {         //              ( Java              )
    ...
}
```

.

```
if ((c++ = d++) != 0) {
    ...
}
```

:                                      .                              .

```
d = (a=b+c)+r;      //
```

.

```
a = b + c;
d = a + r;
```

# 10.5

## 10.5.1 ( Parentheses )

.  ,
.  .

```java
if ( a == b && c == d )        //
if ( (a == b) && ( c == d) )   //
```

## 10.5.2 ( Returning Values )

.  ;

```java
if ( booleanExpression ) {
    return true;
} else {
    return false;
}
```

.

```java
if ( booleanExpression ) {
    return booleanExpression;
} else {
    return booelanExpression;
}
```

```java
if ( condition ) {
    return x;
}
return y;
```

.

```java
if ( condition ) {
    return (condition ? x : y );
}
```

## 10.5.3 ( Conditional Operator ) "?"

( binary operator ) **?:**
. :

```
(x >= 0) ? x : -x;
```

## 10.5.4 ( Special Comments )

**XXX**" " **FIXME**''
.

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