Code Conventions for the Java Programming Language

- description : 7 - Statements
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7. (Statements)

7.1 (Simple Statements)

.   ,

```
argv++;         // Correct
argc--;         // Correct
argv++;  argc--; // Avoid
```

7.2 (Compound Statements)

"{   }"   .
       .

*   . *
                    ;
        . *   if-else   for   ,
           .
            .

7.3 (return Statements)

   return

.

```
return;

return myDisk.size();

return(size ? size : defaultSize);
```

7.4 if, if-else, if else-if else Statements

if-else   .

```
if (condition) {
    statements;
}


if (condition) {
    statements;
} else {
    statements;
}


if (condition) {
    statements;
} else if (condition) {
    statements;
} else {
    statements;
}
```

Note: if   **{}**   .   .

```
if (condition)    //        { }
    statements;
```

7.5 for

for   .

```
for (initialization; condition; update) {
    statements;
}
```

   for (,   )   .

```
for (initialization; condition; update);
```

for   , 3
            .   **for**   (   )   (   )
                        .

7.6 while Statements

while   .

```
while (condition) {
    statements;
}
```

    while   .

```
while (condition);
```

7.7 do-while

do-while   .

```
do {
    statements;
} while (condition);
```

7.8 switch

switch   .

```
switch (condition) {
case ABC:
    statements;
    /* falls through */
case DEF:
    statements;
    break;
case XYZ:
    statements;
    break;
default:
    statements;
    break;
}
```

(**break**   )   , **break**
   .   **/* falls through */**   .

    switch   .   **break**
                                         .\

7.9 try-catch

try-catch   .

```
try {
    statements;
} catch (ExceptionClass e) {
    statements;
}
```

try-catch   **finally**   ,   **try**
                    .

```
try {
    statements;
} catch (ExceptionClass e) {
    statements;
} finally {
    statements;
}
```

Ref Site

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