Block {…} and indentation

A *block* is a sequence of statements enclosed in braces `{…}`. There can be one, several, or even no statements inside a block. Block tells Java that the sequence of statements should be treated as one single statement, and therefore blocks are used with `if,` `for,` `while`, etc.

Java code conventions recommend to place the braces on separate lines from the enclosed statements and use *indentation* to visualize the nesting level of the block contents:

If the block is a part of a decision or loop statement, the braces can be placed on the same line with `if,` `else,` `for,` or `while`:

```
if( … ) {
    <statements>
} else {
    <statements>
}

while( … ) {
    <statements>
}
```

In `switch` statement it is recommended not to indent the lines with `case`:

```
switch( …   ) {
case …:
    <statements>
    break;
case …:
    <statements>
    break;
    …
}
```