Block:

* A block in Java is **a set of code enclosed within curly braces { } within any class, method, or constructor**.
* It begins with an opening brace ({ ) and ends with a closing braces ( }).
* Between the opening and closing braces, we can write codes which may be a group of one or more statements.
* The syntax for a set of code written in a block of a class is as follows:

**Syntax:**

**Public class Student**

**{//block start**

**//class body**

**} //block end**

* In Java, every class has a class block that groups the data and [methods](https://www.scientecheasy.com/2020/06/java-methods.html/) inside the class.
* Similarly, every method has a method block that contains a group of statements.
* A block can also be placed within another block that is called nested block in java.

**Types of blocks in Java**

There are three types of blocks in Java. They are as follows:

1. Local block
2. Instance initialization block (Non-static initialization block)
3. Static initialization block