

Java Programming Lab Manual

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JAVA PROGRAMMING LAB MANUAL

Editors

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Chapter 33

Local Block and Static Block

Kamran Khowaja, Zeeshan Bhatti, Asadullah Shah

Abstract

The local and static block in Java is sometimes considered as a very odd, because these blocks have no name, no signature, no parameters. They are simple curly brackets and they are usually used to load some data or code into memory before anything else is executed. In this experiment students will learn about this local and static block.

33.1 Loading Class in Memory

There are three ways to load a class in the memory.

1. Creation of Object .
2. Accessing of *static* variable of *static* method of a class.
3. using `Class.forName("className");` Method to load the class in memory

33.2 LOCAL BLOCK

- Local block is a type of constructor without any signature (having no return type, no name and no arguments).
- A Local Block is defined only by curly Brackets { }.
- It will execute automatically for all newly created objects, no matter which type of constructor they refer to.