

# Java Programming Lab Manual

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IIUM PRESS

INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA

# **JAVA PROGRAMMING LAB MANUAL**

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**Editors**

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International Islamic University Malaysia**

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## Chapter 5

### Relational and Logical Operators

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#### Abstract

Relational and logical operators are generally used in every programming language and their use and principle is identical. Thus, in Java their implementation is also similar. The primary usage of the operators is to do the comparison between two variables or expressions and evaluate the relation between them in the form of True or False. In this chapter the usage of relational and logical operators is discussed with some suitable examples.

#### 5.1 Relational Operators

Relational operators are also known as decision making operators. They are used to make decisions under a given condition. The key point to note are:

- They always give results in form of True or False. Either a given expression is True or False.
- In some applications true is denoted by ONE (1) and false as Zero (0).

Following table 5.1 shows the list of relational operators used in Java.

Table 5.1 Relational operators

Operators	Relation
==	Equal to
>	Greater Than