Chapter-3

What is Boolean value?

A *Boolean expression* is an expression that evaluates to a *Boolean value*: **true** or **false**. The **Boolean** data type declares a variable with the value either **true** or **false**. A variable that holds a Boolean value is known as a *Boolean variable*. Example: the following statement displays t**rue**:

**double** radius = **1**;

System.out.println(radius > **0**);

Note: **true** and **false** are literals, just like a number such as **10**. They are treated as reserved words and cannot be used as identifiers in the program.

*An* **if** *statement is a construct that enables a program to specify alternative paths of execution.*