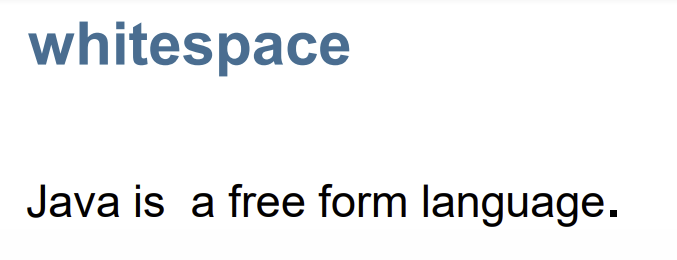
2.OPERATORS, DATATYPES, ETC.

Graphical user interface, text

Description automatically generated

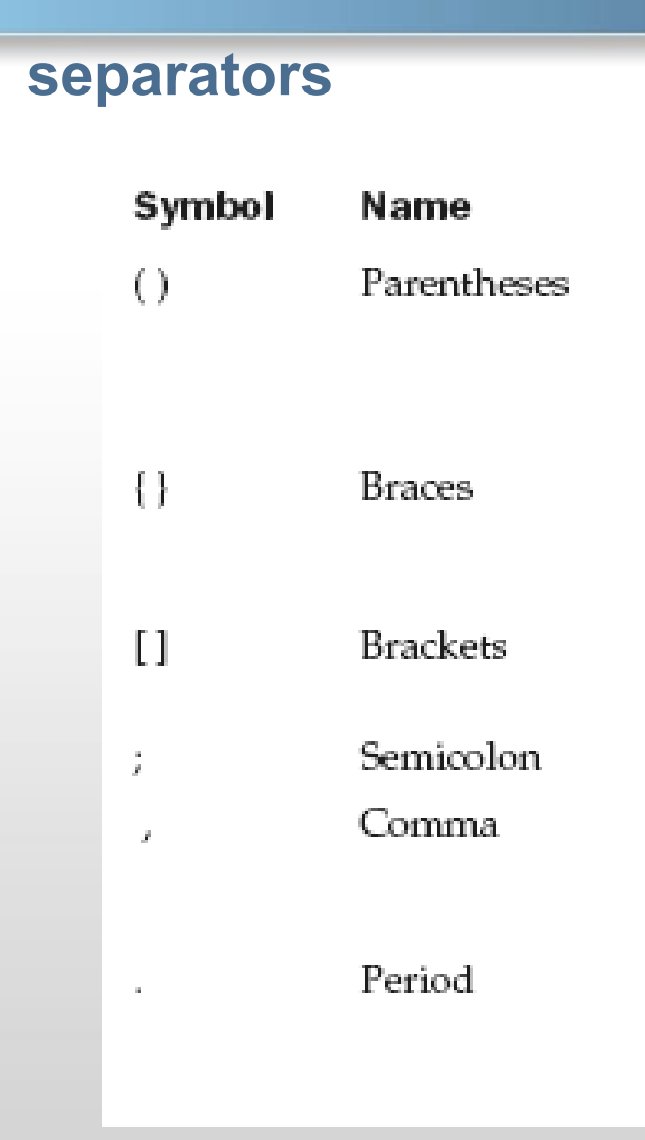
Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

A picture containing text, bird, screenshot

Description automatically generated

Keywords:

Reserved words that have a specific meaning and purpose.

Simple Data Types:

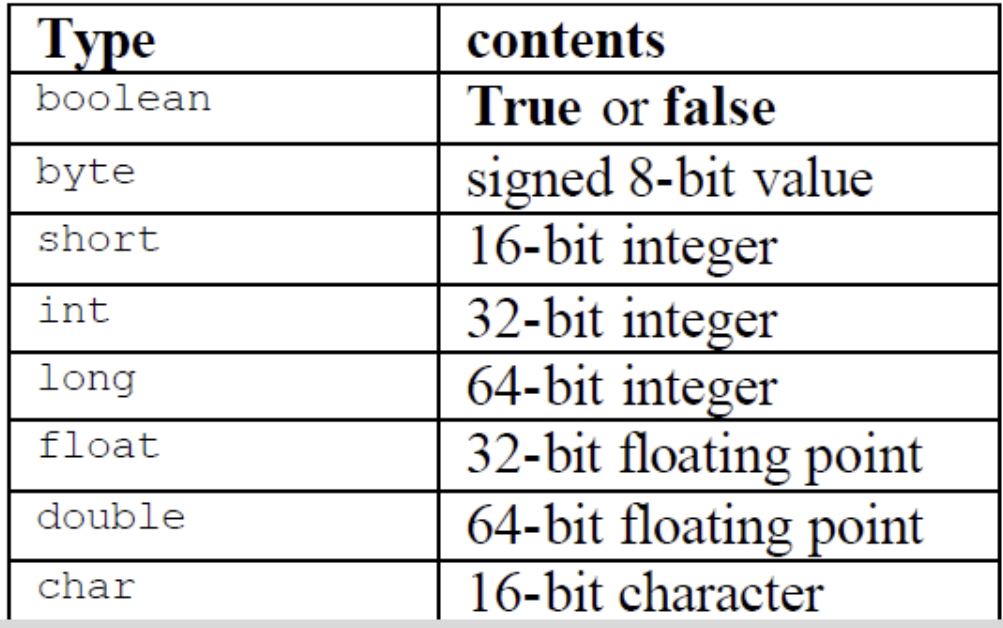
1. Byte
2. Short
3. Int integers



1. Long
2. Char (also String) 🡪words,letters,symbols,sentences
3. float
4. Double 🡪decimal values



1. Boolean🡪true/false



RANGE:

* Long= - 264 to +264
* Float= - 232 to +232
* Int= -232 to +232
* Short= -216 to 216
* Byte= -28 to +28

INTEGER LITERALS:

* Binary🡪0,1
* Decimal🡪0,1,2,3,4,5,6,7,8,9
* Octal🡪0,1,2,3,4,5,6,7
* Hexadecimal🡪0,1,2,3,4,5,6,7,8,9, A,B,C,D,E

FLOATING-POINT LITERALS:

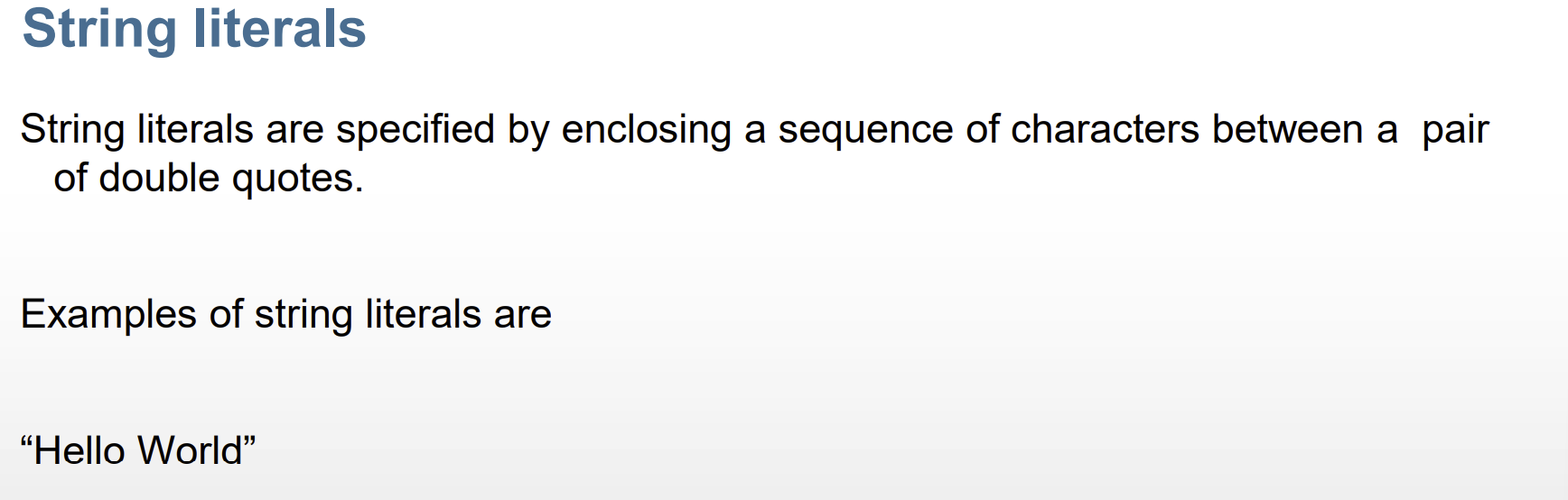
1. Standard notation: integers and decimals
2. Scientific notation:has an ‘e’ followed by a decimal number.eg:66.022E23 , 1234E05

Graphical user interface, text, application, email

Description automatically generated

Table

Description automatically generated with medium confidence



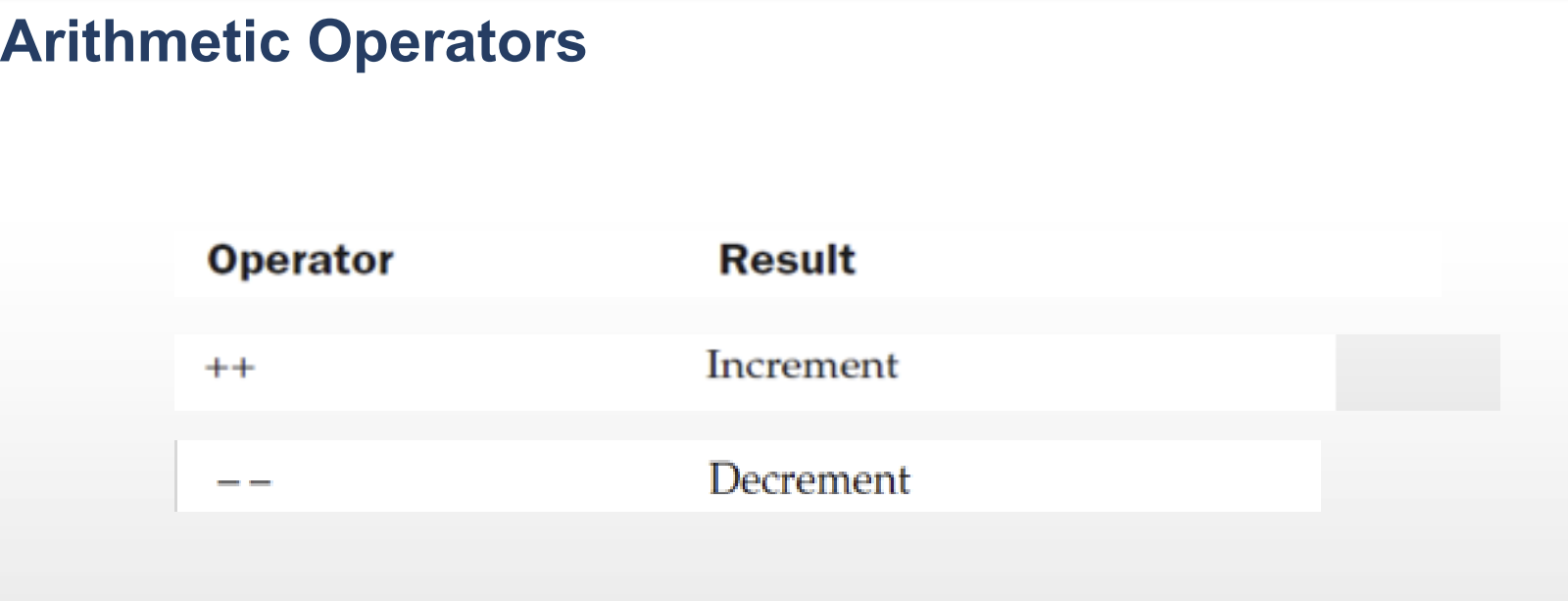
Declaring a variable:

OPERATORS:

Graphical user interface, application

Description automatically generated with medium confidenceText

Description automatically generated with medium confidence



DIFFERENCE BETWEEN POST INCREMENT AND POST INCREMENT:

* a++, ++a, a--, --a

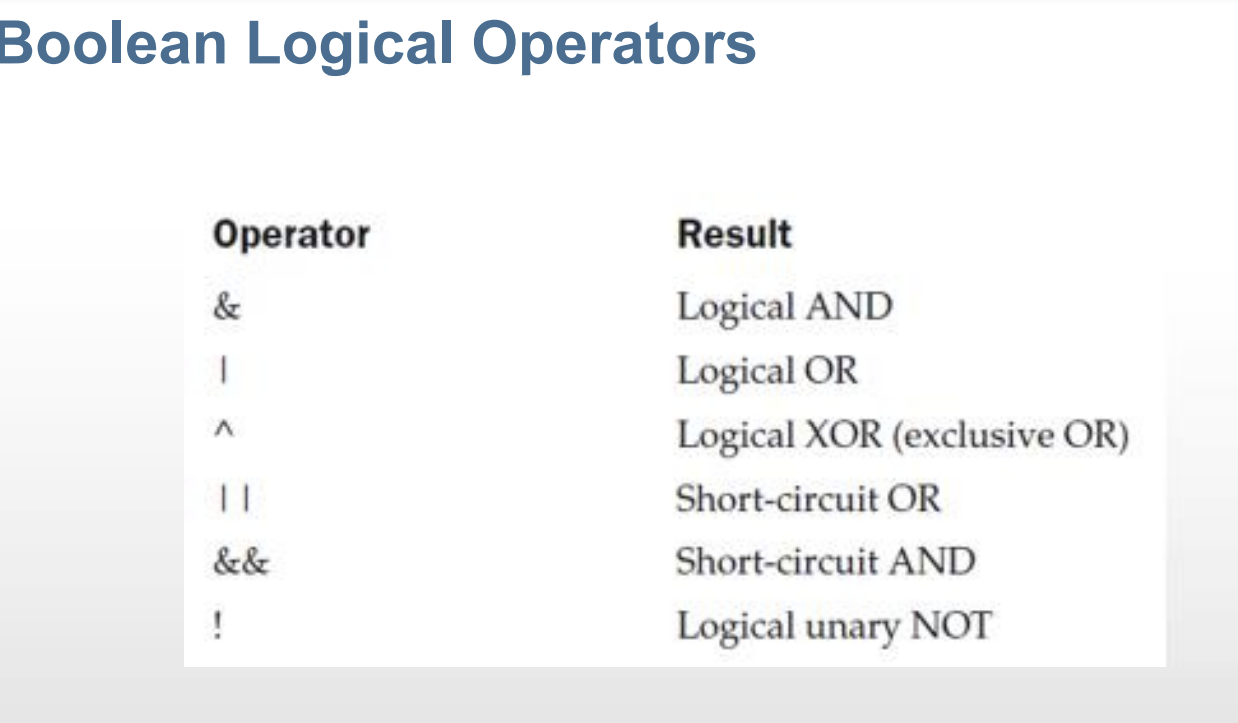
🡪Modulus Operator:

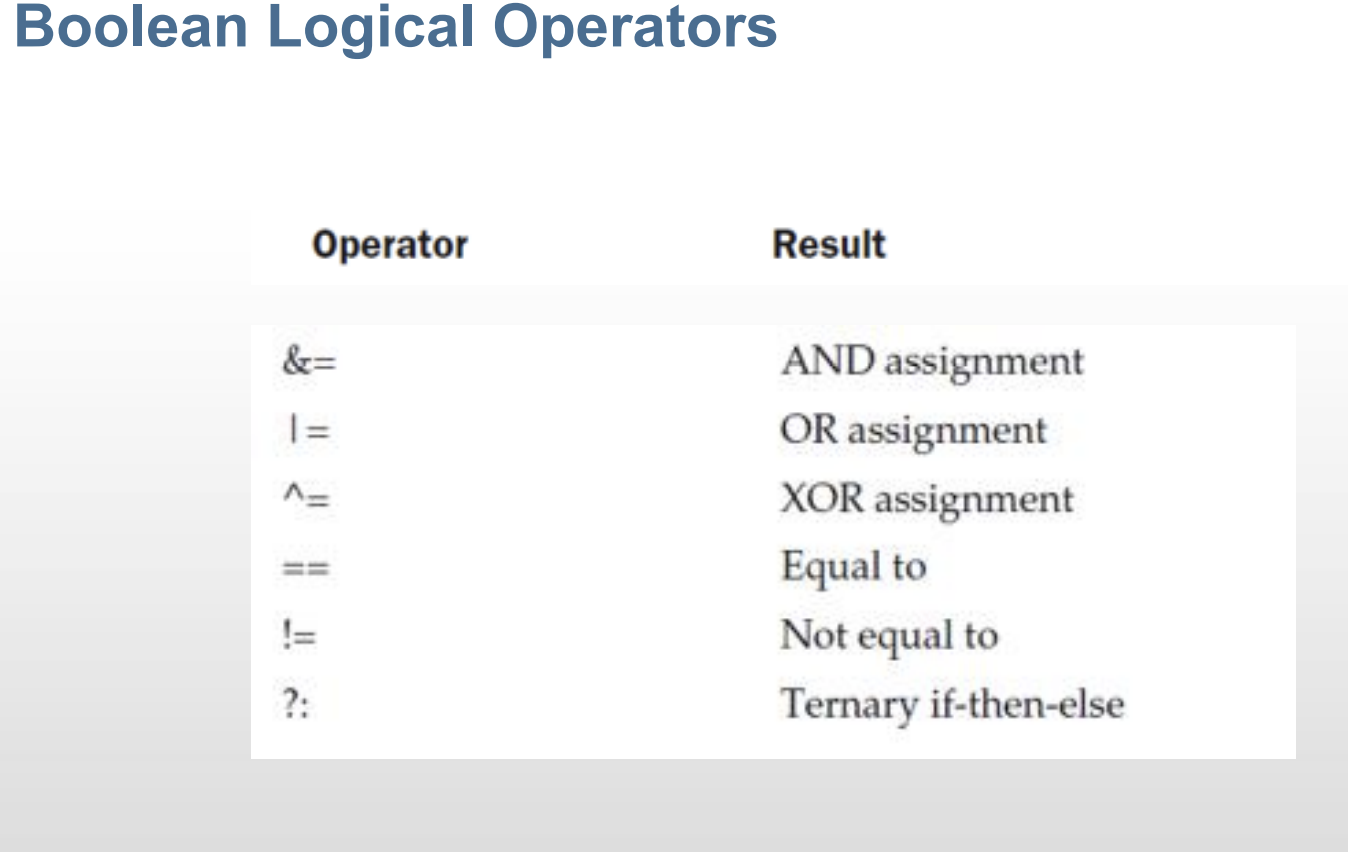
🡪Arithmetic Compound assignment operators:

* a+=5; c+=a\*b; etc.

Graphical user interface

Description automatically generated with low confidence





Table

Description automatically generated

Table

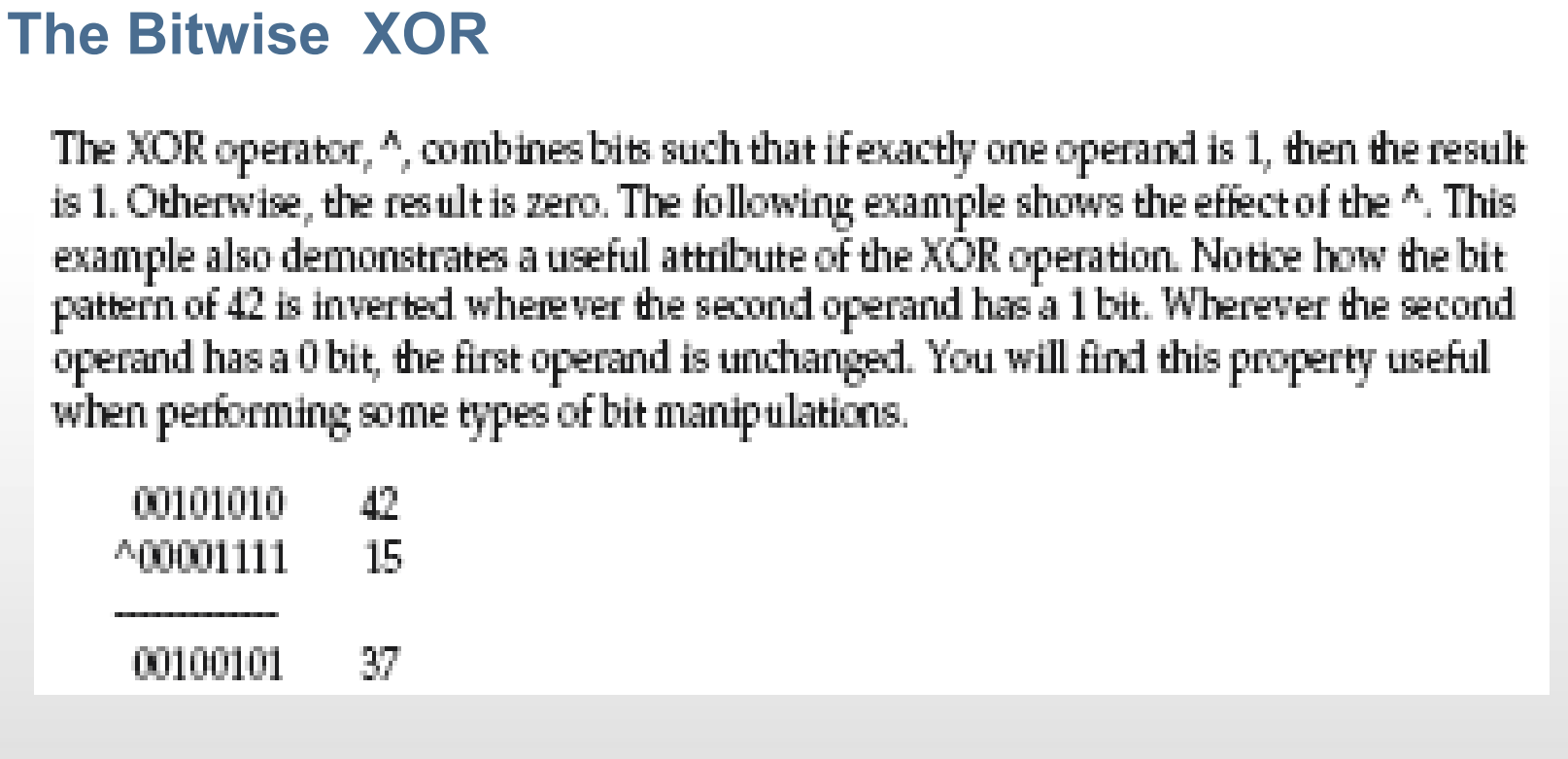
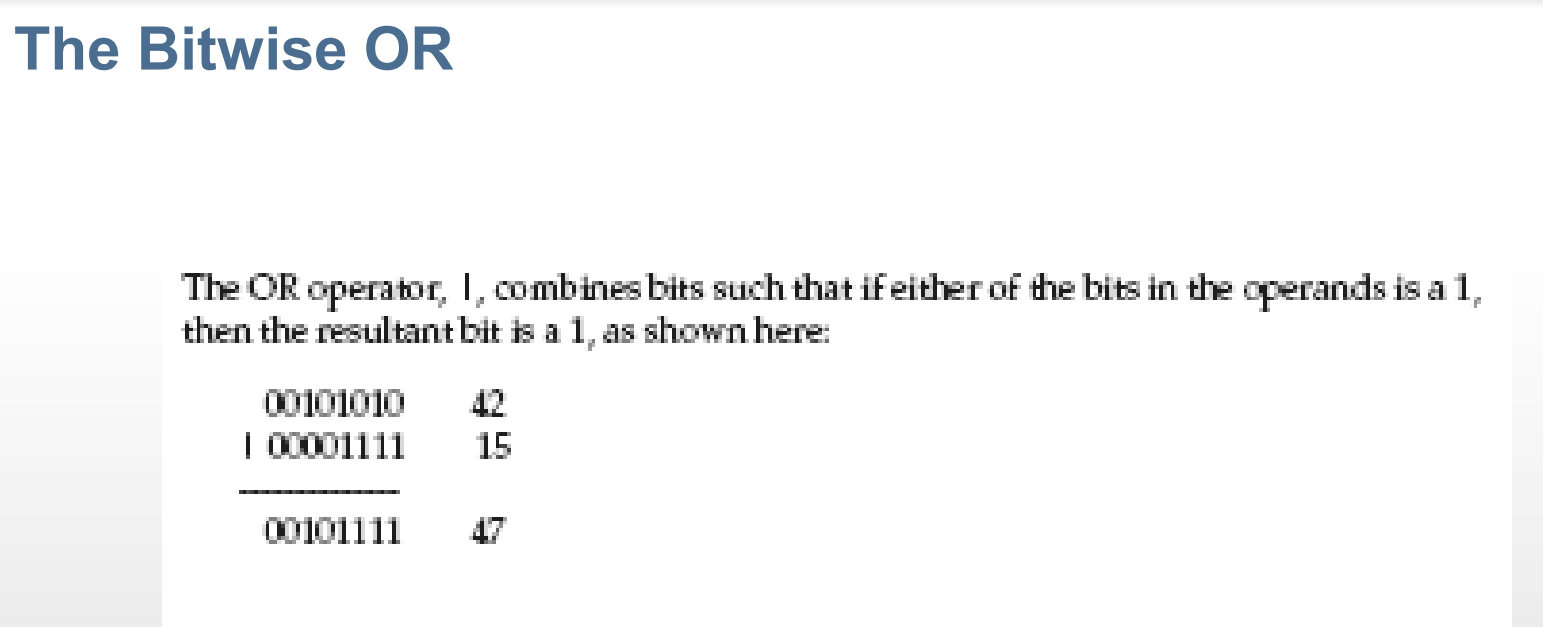
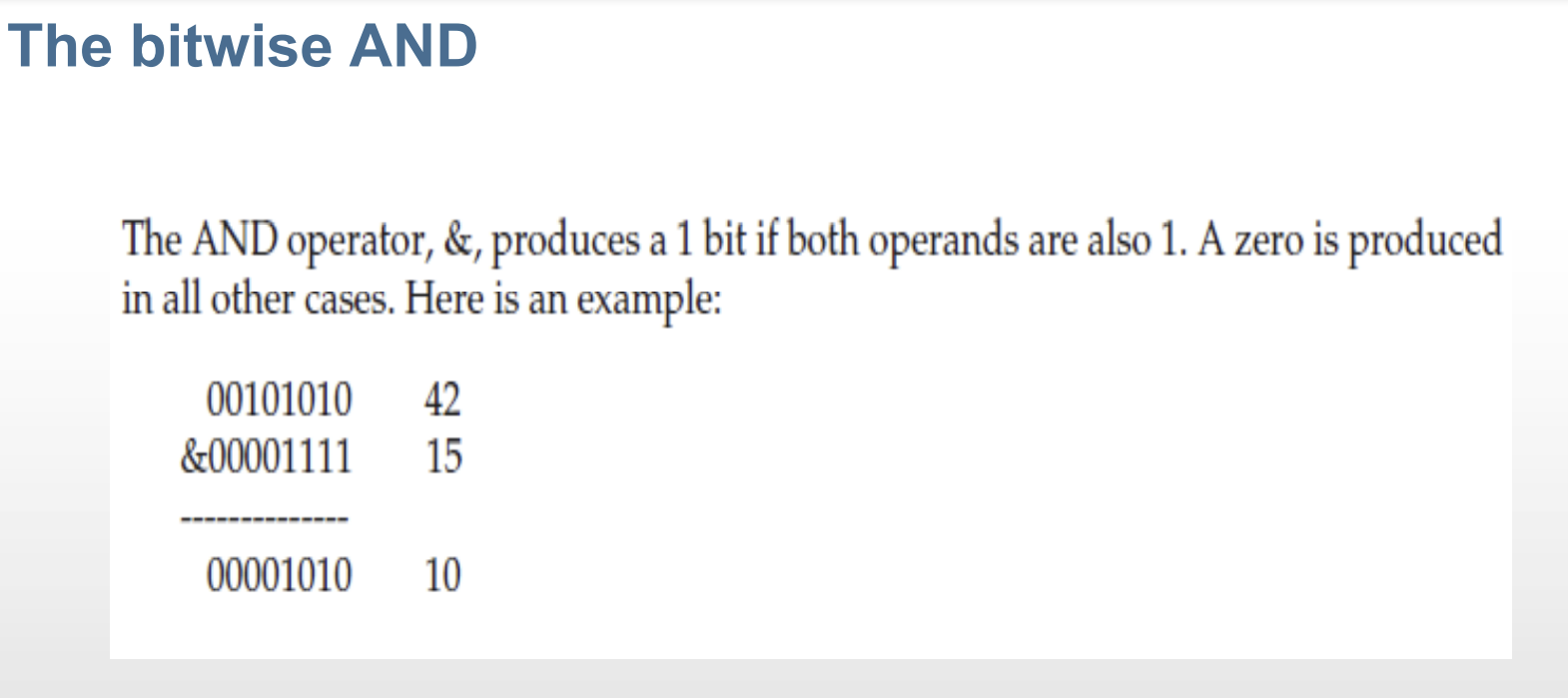
Description automatically generated

Table

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

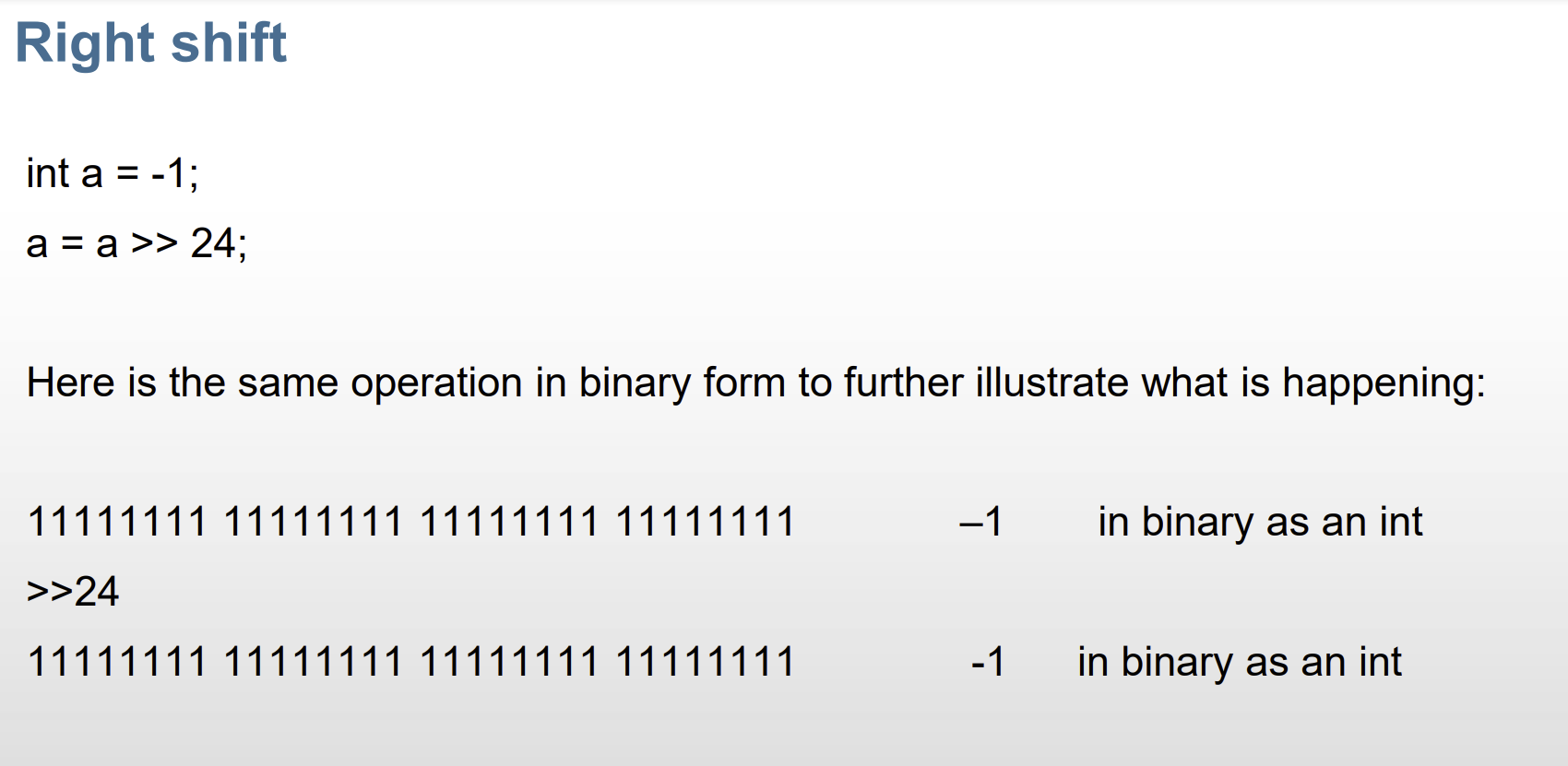
Description automatically generated

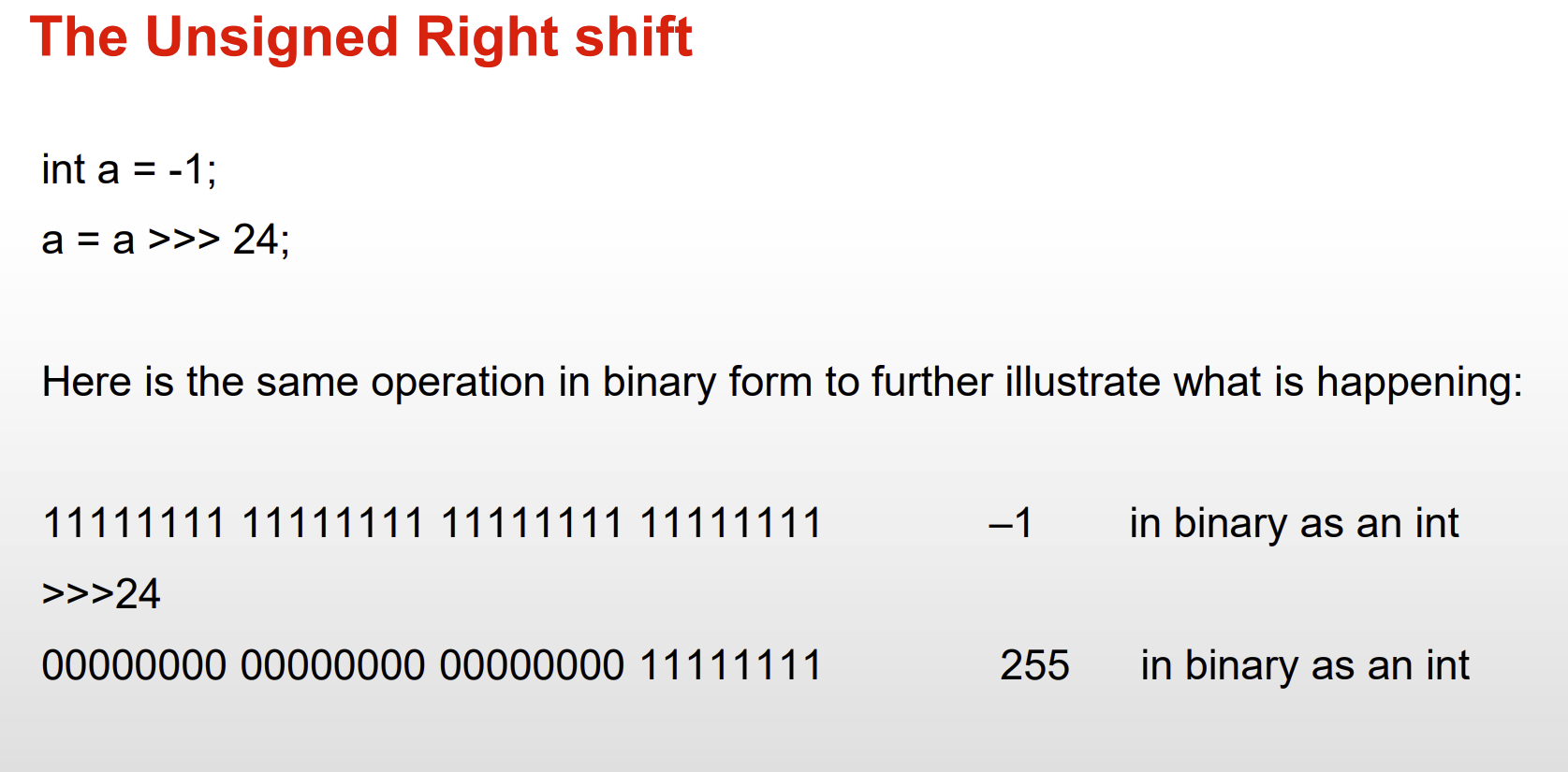
Graphical user interface, text, application, email

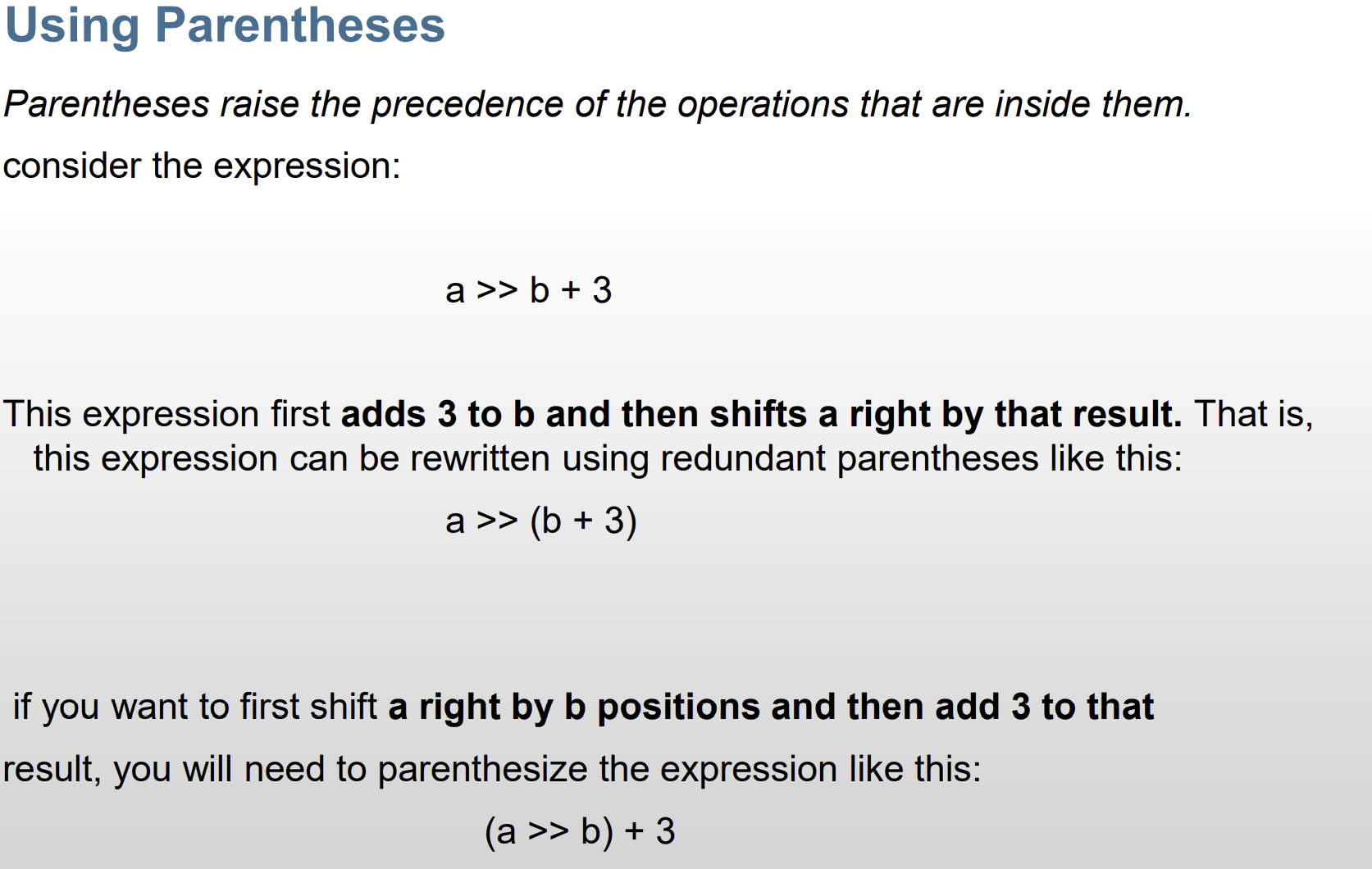
Description automatically generated

Graphical user interface, text, application, email

Description automatically generatedText

Description automatically generatedText

Description automatically generated with medium confidenceA picture containing table

Description automatically generatedText, letter

Description automatically generated

Text

Description automatically generated

Dry run: