A8 Notes

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Algorithms- any equation used to solve something

Compound Statement- an if statement that require more than one precondition

Ex. if (n==1) && ( n != 3)

Boolean Identifier - true or false

Relational Operator – compares one number to the other

Ex. <, > , >=, <=, ==

Logical Operator – and, or , not

Ex. &&, ||, !

If-else – a control structure

Ex. if (n == 1)

System.out.println(“Yes”);

Else

System.out.println(“No”);

Iterations

While loops

Do-While loops

For loops

Control Structures

Summary: Control structures are a fundamental part of Java as they are used everywhere to match each type of situation.