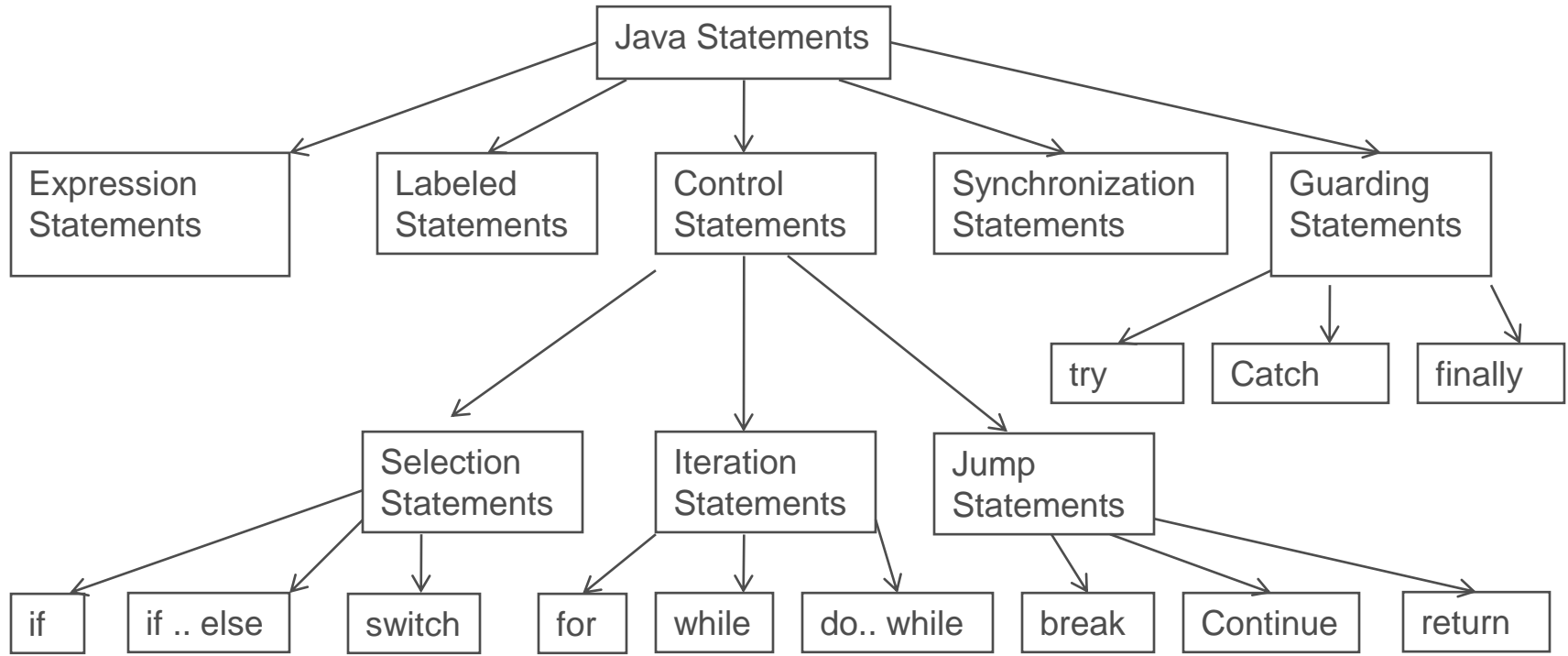# Java Statements

By

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Java Program Basics

- ✓ Java Program contains a set of statements
- ✓ Statements contains Java Tokens
- ✓ Statements are separated by Semicolon
- ✓ Statements are executed in a sequence
- ✓ Flow sequence can be altered using control statements

Java Statements

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                          │  Java Statements │
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│ Expression │ │ Labeled  │ │ Control  │ │ Synchronization│ │ Guarding │
│ Statements │ │Statements│ │Statements│ │   Statements   │ │Statements│
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Java Statements

Expression Statements

Labeled Statements

Control Statements

Synchronization Statements

Guarding Statements

try   Catch   finally

Selection Statements

Iteration Statements

Jump Statements

if   if .. else   switch

for   while   do.. while

break   Continue   return

Statements in Java

Empty Statements	Nothing is done Place Holder	Same as C and C++
Labeled Statements	Any statement must begin with a label. Must not be a keyword/ declared variable/ previous label. Used with jump statements.	Same as C and C++ Except their Usage format .
Expression Statements	For Computation. Assignment, Increment/ Decrement, Method call.	Same as C++
Selection Statements	Decision Control: Decision Making and Branching Statements: if, If..else, switch	Same as C and C++
Iterative Statements	Looping Control Statements: for, while, do..while	Same as C and C++ Except for Jump and Labels.
Jump Statement	Unconditional control. break, continue, return, throw	C and C++ does not use Labels for Jump statements

Statements in Java

Synchronization Statements	Used with Multithreading	Available in C and C++
Guarding Statements	Exception Handling: try, catch, finally	Same as C++ except finally

Thank you