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# 1. Primitive Data Types

## Researched it

<https://docs.oracle.com/javase/tutorial/java/nutsandbolts/datatypes.html>

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# 2. Arrays

## Researched it

<https://docs.oracle.com/javase/tutorial/java/nutsandbolts/arrays.html>

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# 3. Control flow statements

## Researched it

<https://docs.oracle.com/javase/tutorial/java/nutsandbolts/if.html>

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https://docs.oracle.com/javase/tutorial/java/nutsandbolts/switch.html

https://docs.oracle.com/javase/tutorial/java/nutsandbolts/while.html

https://docs.oracle.com/javase/tutorial/java/nutsandbolts/for.html

https://docs.oracle.com/javase/tutorial/java/nutsandbolts/branch.html

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# 4. Classes

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/classdecl.html>

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https://docs.oracle.com/javase/tutorial/java/javaOO/variables.html

https://docs.oracle.com/javase/tutorial/java/javaOO/methods.html

https://docs.oracle.com/javase/tutorial/java/javaOO/constructors.html

https://docs.oracle.com/javase/tutorial/java/javaOO/objectcreation.html

https://docs.oracle.com/javase/tutorial/java/javaOO/usingobject.html

https://docs.oracle.com/javase/tutorial/java/javaOO/thiskey.html

## I’ve used this



# 5. Passing Information to a Method or a Constructor and returning values

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/arguments.html>

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https://docs.oracle.com/javase/tutorial/java/javaOO/returnvalue.html

# 6. Controlling Access to Members of a Class

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/accesscontrol.html>

Calendar

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# 7. static and final

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/classvars.html>

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# 8. Lambda Expressions

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/lambdaexpressions.html>

<https://docs.oracle.com/javase/tutorial/java/javaOO/methodreferences.html>

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<https://docs.oracle.com/javase/tutorial/java/javaOO/whentouse.html>

# 9. Enum Types

## Researched it

<https://docs.oracle.com/javase/tutorial/java/javaOO/enum.html>

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# 10. Annotations

## Researched it

<https://docs.oracle.com/javase/tutorial/java/annotations/basics.html>



<https://docs.oracle.com/javase/tutorial/java/annotations/declaring.html>

<https://docs.oracle.com/javase/tutorial/java/annotations/predefined.html>

# 11. Interface

## Researched it

<https://docs.oracle.com/javase/tutorial/java/IandI/index.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/createinterface.html>

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<https://docs.oracle.com/javase/tutorial/java/IandI/interfaceDef.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/usinginterface.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/interfaceAsType.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/nogrow.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/defaultmethods.html>

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# 12. Inheritance

## Researched it

<https://docs.oracle.com/javase/tutorial/java/IandI/subclasses.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/override.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/polymorphism.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/hidevariables.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/super.html>

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<https://docs.oracle.com/javase/tutorial/java/IandI/final.html>

<https://docs.oracle.com/javase/tutorial/java/IandI/abstract.html>

# 13. Generics

## Researched it

<https://docs.oracle.com/javase/tutorial/java/generics/why.html>

<https://docs.oracle.com/javase/tutorial/java/generics/types.html>

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<https://docs.oracle.com/javase/tutorial/java/generics/restrictions.html>

# 14. Packages

## Researched it

<https://docs.oracle.com/javase/tutorial/java/package/packages.html>

<https://docs.oracle.com/javase/tutorial/java/package/createpkgs.html>

<https://docs.oracle.com/javase/tutorial/java/package/namingpkgs.html>

<https://docs.oracle.com/javase/tutorial/java/package/usepkgs.html>



## I’ve used this



# 15. List

## Researched it

<https://docs.oracle.com/javase/tutorial/collections/interfaces/list.html>

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# 16. File I/O streams

## Researched it

<https://docs.oracle.com/javase/tutorial/essential/io/fileio.html>

<https://docs.oracle.com/javase/tutorial/essential/io/path.html>

<https://docs.oracle.com/javase/tutorial/essential/io/pathClass.html>

<https://docs.oracle.com/javase/tutorial/essential/io/fileOps.html>

# 17. Exceptions

## Researched it

<https://docs.oracle.com/javase/tutorial/essential/exceptions/index.html>

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# 18. autoboxing and unboxing

## Researched it

<https://docs.oracle.com/javase/tutorial/java/data/autoboxing.html>

<https://docs.oracle.com/javase/8/docs/technotes/guides/language/autoboxing.html>

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# 19. Record classes

## Researched it

<https://docs.oracle.com/en/java/javase/15/language/records.html>

# 20. var local type inference

## Researched it

<https://docs.oracle.com/en/java/javase/15/language/local-variable-type-inference.html>

# 21. StringBuilder

## Researched it

<https://docs.oracle.com/javase/tutorial/java/data/buffers.html>

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