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1. Access modifiers are part of encapsulation
2. I have rea the object class source code
3. Java 12: files.mismatch

String API changes

Compact number formatting

Java 8: Lambda expression support in API’s  
 Stream API, Optionals, default methods Date and Time API

Java 7: Strings in switch statement, type inference for generic instance creation, multiple exception handling, try with resources

Java 6: Scripting language support, JDBC 4.0, Java Compiler, Integrated web services

Java 5: Generics, Enhanced forloop, Autoboxing/Unboxing, Static Import, Metadata

1. System is a final class from the java.lang package. out is a class variable of type PrintStream declared in the System class. println is a method of the PrintStream class.
2. public: access modifier. Static: belongs to a type rather than instance of type. Void: return type, expects no return. Main: main method.
3. Reminding you to start strings
4. JDK is how you are able to core for JRE, which takes the byte code from the Virtual Machine and runs it
5. Path is an environment variable which is used by OS to find executables. Classpath is an environment variable used by the java compiller to find the path of the executable.
6. Java is pass by value
7. It leads to illegal access of data
8. Java uses Unicode not ASCII, 1 byte is not enough but 2 is.