17 @ param -> for describing parameters of a method 2. @ return -> for describing about the return value 3. @ throws -> for describing exceptions thrown 4. @ deprecated -> for describing deprecation status

Description can be added at the Start of javades comment

Annotations in Java
Used to provide exter information about a program
Annotations provides metadata to class/methods following are some common annotations built into Java 17 @ Override → Used to mark Overridden elements in the child classes 27 @ Suppress Warnings -> Used to Suppress the generated

(You will use this annotation just after the brainings by the Compiler class, and before the main method because the deprecated method will be called in the main method

37 @ Deprecated -> Used to mark deprecated methods 47 OF unctional Interface -> Used to ensure an interface is (only have one method.) a functional interface Lambda Expressions
Added in Java 8 Lambda expressions let us express instances of single method classes more compactly.

Anonymous classes were used to implement a base class without giving it a name.

For classes with a single method, even amonymous classes get slightly exersive & cumbersome Java Generics
Introduced from JDK 5.0 onwards
Yery Similar to C++ Templates (but not the same) If we write Arroylist a = new Arraylistd);

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-	
	a. add (75)
	u mys (19)
	int anum = Q. get (0) -> We can't do this
	int anum = (int) a. get (o) - we will have to do this
	Hence generics ain to reduce bugs 8 enhance type safety.
	Note: Type parameter in java generus cannot be a primitive data type.
	File Handling in Java Reading from & writing to files is an important aspect of any programming language
	Reading from & writing to files is an important
	aspect of any programming language
	We can use the file class in Java to create a file object
	file object
7	Create New-File () method -> Creates a file object
`	For reading files we can use the same Scanner class and supply it a file object
	and sully it as file object
	and supply it is fit office
٠.	To delete a file in Java We san use file object's
	delete () method.
for area	
ioi creat	ing javadocs: ## jiske upar comments likhi honge vo use hi describe kar rahi hongi
	## jiske upai comments likili nonge vo use ni describe kar fani nongi
	for ex: if you written doc comments above a method then those comments will define that method in the java doc generated.
	## javadoc is not generated by intellijidea it is generated by javadoc
	command which is run by intellijidea. After the command whole process in on the solders of javadoc.