

## Test

classmate

Date

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20/09/25.

1. write the difference between nested classes & inner classes with minimum 5 differences.
2. list the advantages of packages.
3. list any 10 classes or interface of Java.io package.

3. Pg - 581.

The I/O classes defined by java.io are.

Buffered Input stream - file writer - piped output  
Buffered output stream - filter input stream - piped writer  
Buffered reader - filter reader - print stream  
Byte array Input stream - filter writer - print writer  
file reader - Piped Input stream  
file permission - OutputStreamWriter  
file - object output stream  
console object input stream Random access file.

<u>Interfaces</u>	<u>File Filter</u>	<u>Object of Input Validation</u>
closeable	filtername filter	object output
datainput	flushable	object stream
data output	Object Input	Serializable
externalizable		

Q.

1. Pg-149.

### Nested classes

### Inner classes

⇒ It is possible to define a class within another class, such classes are known as nested classes.

⇒ The scope of a nested class is bounded by the scope of its enclosing class.

⇒ The scope of inner class

## E-TIME

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→ advantages of packages:  
creating packages are easy. just by using  
the 'Command'.