Classes of Character classes

Reader

(i) FileReader
(ii) CharArrayReader
(iii) BufferedReader
(iv) Input streamReader
(v) Piped Reader
(vi) Scanner
(xii) console

Writer

(i) FileWriter
(ii) CharArrayWriter
(iii) BufferedWriter
(iv) OutputStreamWriter
(v) PipedWriter
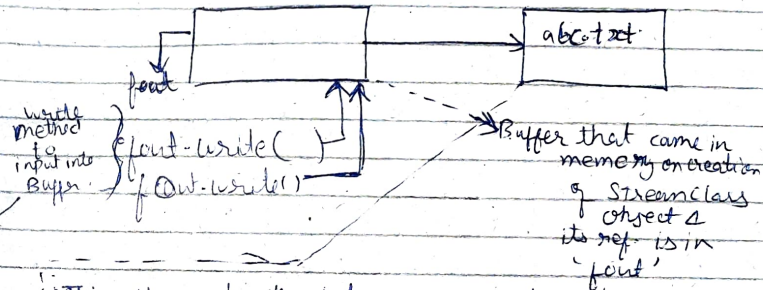(vi) PrintWriter

File
Files } came in 'nio' packages
Path
Paths

- And and as soon as buffer gets filled all data is trasfered into file.
- In absence of this buffer, each 'write' command hand to write into file one-by-one, degrading the poyermance.

- And we move data from 'fin' buffer to program
- And as soon as 'fin' gets empty next data comes into fin from file
- In absence of buffer, we each 'read()' cmd had to goto file to fetch data one-by-one degrading peryermance.

Byte Stream classes

(1) File Output Stream — File Input Stream

FileOutputStream fout = new FileOutputStream ("abc.txt");
↳ File Name

abc.txt

write method to input into Buffer { fout-write( ) { Out.write() }

Buffer that came in memery on creation of Stream class object ∆ its ref. is in 'fout'

↳ This file gets created in parallel to 'class' file & gets connected to the object (buffer) 'fout'.

FileInputStream fin = new FileOutputStream ("abc.txt");

abc.txt

fin
fin.read()
fin.read()
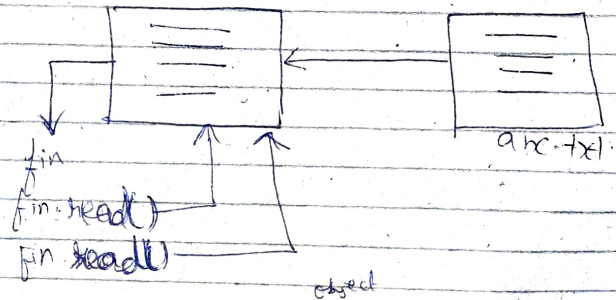
- Here as soon as buffer is created, ∆ data of size of buffer is transffered from file to buffer