

1) Create a Book class

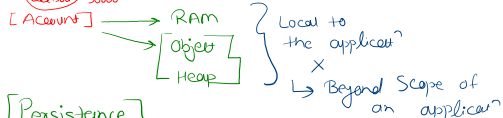
Has
a
Relation

→
- bId
- bName
- bPrice
- Date publishDate
 - dd
 - mm
 - yy

2] Create a Collection of Books

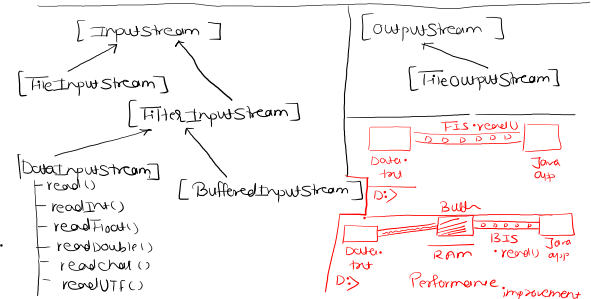
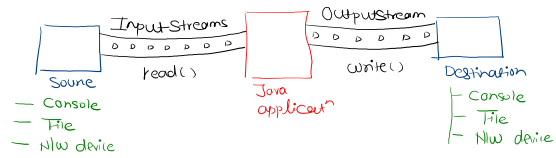
- 1) add 10 books to collection
- 2) Remove books published in year 2000.
- 3) Search for book published in year 2022
- 4) Sort book Price wise
- 5) Sort book Name wise
- 6) offer 20% discount on 5 years old books.

0x10 - 1
 0x1000 - 15
 0x10000 - 30000



[Persistence]
 → Storing current state of an object on 2nd storage device
 File system
 RDBS [java.io]

[I/O Architecture]



[ObjectInputStream]
 readObject()
 [RandomAccessFile]
 seek() → file pointer's location

[File]
 No File processing Capabilities
 read(), write(), open(), close() X
 Properties of File
 - length
 - extension
 - path
 - privilege

