Java Tundamentals > Input/output. Initializeus. Four base Challeses: Four base charses.

- Reader & whiter anything on disk. - Reader & William & Bulgut Stream. - Test the Existence (nature of file.

Two Utility Closses: to get Path > file. get Absolute Path ().

File Unique for - file - get (anonical Path).

File Normalize() > removes file:

Tedundant Elements. Files is Some (Path), Path 2)

to Absolute Path () > resolves Symbolic links.

Relativizing > about finding

Telest Path from Source to

Treat If one party target is absolute & Other is relative then I legal Argument Exception is

Reader -> abstract class skipping positions is Reading to single characters array to characters! -> Making & reselling a given pailor to throw it it integrit Streetegies of transling Exception - handle it locally System Resources must be closed - too pattergy In dry black reader closes should its care try tatch black be used in seperate black mark() & guts & flag on given Element (or) beginning of sheams to god sie not tone and Skips 2 - Skips next Elements at their Skips Skips next Element Sall behavior to Reader sall behavior to Reader musical BufferedReader, LinearinterReader Sall behavior to Reader musical streets thereof the sall streets thereof ButteredReader, uneverte from file and hites is to read Salls readlines) Base classes of Reading to busitipality \$1000 \$1000 Input Stream greading spe byte assept to the stream of the byte assept to the stream of th S Called as Serblization who adobatem alabamof sold Streams. Streams and a sold of parties to any order of parties to any order of the contract of the contrac protocossed Streams. Gzipformat = allows for oratific someone Procho Zip formed -> allows for Several sports more rules Two limitations on GZIP format agent to there may be limit on file size Zig format is more libraglex as in moment out woo classes for JAR format someoner Bud Les JAR Organ Stream & both Extends Expedience rebook Order Ordering & Serializable Closed can & be work Socialars - Add special state hote Sental Recurrence To 15 Droplement Serializable Intelnet (no method) Socialization / DeSerialization of Greed to Exchange as objects across where Si Harible trough to desensine object in

3 ways to override default serialization mechanism: I man of writeObject() (readobject() methods - Implements Externalizable Interface. = write Replace() & read Resolve() methods. Hybrid Streams -> InputStreamReader extends Reader OutputStream Writer extends Writer Sackets > pine Java Io code to read & write bytes.