

- 8) List the advantages of packages
- > improve code maintainability and readability
 - > help organize classes and interfaces
 - > make debugging easier
 - > classes can be used in different programs by importing it.

- 9) List any 10 classes or interfaces of java.io package
- | | |
|---------------------|--------------------|
| 1) FileInputStream | 6) InputStream |
| 2) FileOutputStream | 7) OutputStream |
| 3) FileReader | 8) PrintWriter |
| 4) PrintStream | 9) BufferedReader |
| 5) FileWriter | 10) BufferedWriter |

- 9) Differences b/w nested class and inner class with minimum 5 differences

nested class

inner class

- | | |
|--|---|
| • any class declared inside another class | • non-static nested class |
| • can access only static members | • can access both static & non-static members |
| • written outside a class | • written within a class |
| • needs ^{does not need} outer class object | • needs outer class object |
| • syntax - static class | • syntax - static |