

1. Write difference b/w nested classes and inner classes with minimum 5 differences.
2. List the advantages of packages
3. List any 10 classes or interfaces of java package.

Ans) List of classes or interfaces of java package;

- i. File
- ii. FileReader
- iii. InputStream ~~File~~OutputStream
- iv. BufferedReader ~~File~~BufferedWriter
- v. File File Writer
- vi. FileInputStream
- vii. FileOutputStream
- viii. PrintWriter

Ans) nested classes

- can declare static members

- written outside of class

- can exist without an outer class

~~interface~~ inner class

- cannot declare static members

- written inside a class

- cannot exist without an outer class

Ans) 1. Avoids naming conflicts

2. Access Protection & Encapsulation

3. code reusability

4. Improved maintainability

5. code organization and modularity