

20-09-25 Test questions

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

3. Pg 439.

Classes or interfaces of java.io package:

i. File

ii. FileReader

iii. ~~Buffer~~ Buffered Reader

iv. FileNotFoundException

v. IOException

vi. FileWriter

vii. PrintWriter

viii. FileInputStream

ix. DataInputStream

x. BufferedInputStream

1.1. Nested

Inner class

- can be static or non static

- can only be non static

2. Advantages of packages

- > same named classes can be created in different packages
- > classes of similar concepts can be grouped under a package
- > classes can be used in different program by importing a package

1.1. Nested

Inner class

- written outside of class

- written within a class

- cannot access, without object, members and methods of base class

- can access members and methods of base class

- does not need an outer class

- cannot exist without an outer class

- can declare static members

- cannot declare static members