i) Nested Class 1) To define aclass 03 within another class we use nested class Two types 3) Static keywood is used (1) It cannot refer to members of its enclosing class directly 5) Sample program public dass Outer Demo public dassouter Static int ==10; P, 3 class Static Nested a public rold display() 5.0.pln("value of n;"+2);

Ynner Class

1) An inner class is a non-static nested class

2) It has access to all of variables & methods of its outer class

3) No static keyword is used

4) An Inner class is fully within the Scope of its enclosing class Sample program

éprivat intuero; class Inner { void displaye) fs-o pln C'value of 2"+n)

(reference; book Oracle-JAVA P9-315

R) Advantages of Packages! 0 i) Packages are a good mechanism for compartmentalizing diverse classes wi 2) It is easy to see why all the built-in Java classes are stored in packages. from each other 3) Packages are used far encapsulating & containing the name space & scope of variables & methods
4) Packages act as containers for classes & other subordinate packages 5) All real programs that you write in java will be contained with in packages izosofostat oft svipt b B) Packages are one of the most imposant past of Dava Programming en vivonment: Object Input Alter 7) Package is a mechanism which provides a amechanismo for partioning the class name space into more manageable chunks. reference; Pgi 206,207 book! Oracle -JAVA)

C

2)

3)

(9)

5)

Divite The différence between Nested ? classes & inner classes with minimum 5 2) List the Hadrantages of packages & 3) List any 10 relasses or 1970 of java io package. 3) Input /Output ! Classes & Interfaces. * Five I/o classes: mon ont prinistros?

Buffered: Input Stream & Establish to Buffered Reader de la sessel Console ? Random Access Fileorporg los 11A (2 Stoing Reader 100 and 11 w oraj ni a Five I/o Interfaces: Bata Inputo ene esposos (8 Flushable prot to trag tracogni en rin onment. >Object Input filter -> Object Input Validation 1 1000009 (930 Object Stream Constants De 29 Dinoso · zamino CReference! prinottopo ORIACLE D'JON DOM ON The Complete Reference (sefectors! pg-680)