1ackages=> Naming & visibility mechanism of Java. => In Java packages are implemented through folder, but Jolder doesn't mean it will always be a package. -/decements/Java>javac -d : x.java Berma (-) 2 This will create a Ps folder Let & say it is sorc"Hello"); automatically and A. class will be shifted to P1 automatically In This scenetio we need to Mac Mac Mac > jovac -d wer/ make PI and manully shift downdoods/Testing Z.java. A. Class to that folder. C:/Test> javac -d e:/xyz x.java After creating PI using -d win any folder · C:/test > java A & evror documents/Java > java A 3 errose I we have used (-d.) S c:/ Test > = java P1.A

(:/ Test > javac -d e:/xyz x.java C:/ Test > Set class path = 7. Class path %; e:/xyz

Let's say we want to come a transfer packages, for that we want to create zipfile, for that in java we have java archieve - jar file

C:/ Test > jar -cf myjar.jar # All files

In myjar.jarg.

Jile

In different PC & Lets we put that into e:/xyz

d:/abc> set classparn = % classparn %, e:/xyz/myjar.jar
d:/abc> java myclass.

Visibility >

	Private	No modifier	Proteeted	Public.
Same Class				
same package	X			
Same Package Subclass	X			
Lifferent Package Subtlass	X	X		
Different package	X	X	× × × × × × × × × × × × × × × × × × ×	

1:3 other Least was seen which

dilance marches de l'h

dis/abc> Let clossporm = 1 champers ; in as har some son

22/3/2

Import =)

import java. lang. \*;

-> All public classes of java. lang can be used.

import java. utila. Scanner;

=> only Scanner class of java. util.

Static Import =>

⇒ All athe packages of java are known as subjackage of either java or javax.

import java. sql. \*;
Package Subpackage

We can do this as well.

# package P1.P2.P3;

Importing with & Jorm, may increase autimal compile fine, but it will not affect the runtime performance of java programs.

I we would need to make I public to occur it in B. } · you can import more than one packages containing classes with same name and it will not produce any error Package P1; until we use a class which is there in more than Public Class A. { Da one packages which are imported with star form. PSUM (-){ int i=1; Private intj=2; import P1.t; import P2. \*; Protested int K=3; Public int m = 4; A.a1; × error we have to use fully Package P2; P2. A a1 = new P2. A(); 1 Package P2; import P1. k; import Pl. 4; class B & Class B extends A of PSVM(-){ sc = new java. util. Scanner (); java. util. Scanner Void mIC) { L) By this we can avoid import 3 takements. SOP(91.i) X SGP(i). X Package B2; SOPCJJ: X Porikage Pt; SOP (K); SOB (m); Class A f Class B.S PSVML-25 A al = new A(); defautt class.

exes

Package P2; Class B extends A { 2 SOPCM); X Jaccess.

A at = new A(); sor (al.j) x SOP (91, K); X SOPC 91. m);