Java Packages

- other packages
- =) If you have large number of classes, interface you can arrange them together and form a package
 - * there exist . class for each class and interface, so java classes or interfaces lies in . class file

Java Java . class files

- I Package is nothing but a folder and you store class files there in the package
- =) Java can have usedefined packages along with predefined packages (Built in classes packages) o which contain lot of predefined classes and intraces, 4. Java file

Ex:) we imput Java. lang. () from Java. lang. ()

Package Imput everything

- =) you have lib fite folder and in sxc. zip you have list of all packages
- =) A package contains class, gava file which can be very much helpfulls

 Package is a folder Subpackage is
- =) A package can a have subpackages (subfolder) inside each

regword to import the package p.classl. Java

import Java. util. scanner; file inside

Package subpackage

of

=) with use of import we can create & use previously buit code & use them.

3) Packages will save lot of time as we can directly import Previously written code with ease =) Also with * you can import all files from package or you conget a specific file also Ex: import Java. util. scanne; @ you can import files at stort with import import java lang string; without importing at start string = z = new string(); Java-lang. string z = new Int A = new Int(5); =) Ex: Amays, sout (A) java lang string(); But importing at start will save your efforts as you don't have to unite long code each time. @ so As we learned about how can we use predefined package but he can also will able to create own packages. # creating own packages So to create ajava package it is very easy thing so for your info you have create a javable myclass c Hell. Java package Namethe Packag You Want To Greate; Package of this name will Gealed this will coeate dass Public Hell ? file Hertell public void function() } S.O.P. (IIHello world"); and their will get stored in side nameyor Packagengre = the public Hell is main class here 4 it contains and if you compile normally you will get. class file But if you do Tavac -d locational which you want Javafile; Packago

Just name the package in which you want to create Package Package Name; in Java Ale and compile with -d flag and location & that hle 4 you will get Package Java -d .1 _ flename location =) you can add multiple class inside same package # Also the class you want to minsul in package should not have main class - Access speaker also Public main class? has measure role while accessing through a Package # you can also will able to create subpackage by speaky subpackage name in topot javable hellclass. Java Package mainfolder. subpackage; public hellclass} and when you do Tavac -d . / hellclass java =) a subpackage will create inside mainfolder package and it is a named as subpackage (mame you speud es =) After creation of : class file you in padrage you can detele. Java hie still you can import the functionality through package (import =) Package once redly helpfull in many race when you need lot of work to do.

with package name; command at start and compile Javac - of [location] filename File with You can easily able to create packages &subpackage, =) Another time note that main class should not have main () function if you want to add it in package =) you can add any number of Java A coluss files inside a java package ir you use import package. name class you created; and you can access code, functions bomit. Hell. Java now import Ex: Package ghansham: another. Java (main class public Hell ? import ghansham. Hell; public void hello () ? 11 another class to test public another 5 Package S.O.P("Helo from ghansham 11); main() 7 ghansham. Hello (); 1 compile & create package 110 uppur of Hello from ghanshar Javac - d . / Hell-Java It create package called such like that you can ghansham & inside it create and access a you have Helliclass Package or subpackage -> naming convections

#naming convections for packages If you have lot of classes so grayou have to sum up all package and give name Ex: Roll no. collegeld 1 marks 546/cal 7 Packet student such like that give domain name -) you have avoid same class name conflict CHERIFIANA STANS say your urlis www. university. com 4 In university packet you hiclasses Student of you show name package lile account (om, university, student BOOK O Registation or com. university. Book Basically in revise order that of 411