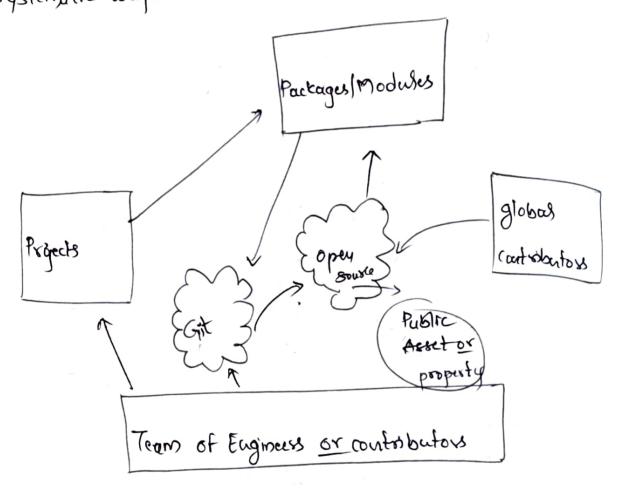
INTRODUCTION TO Working with Packages and moduly

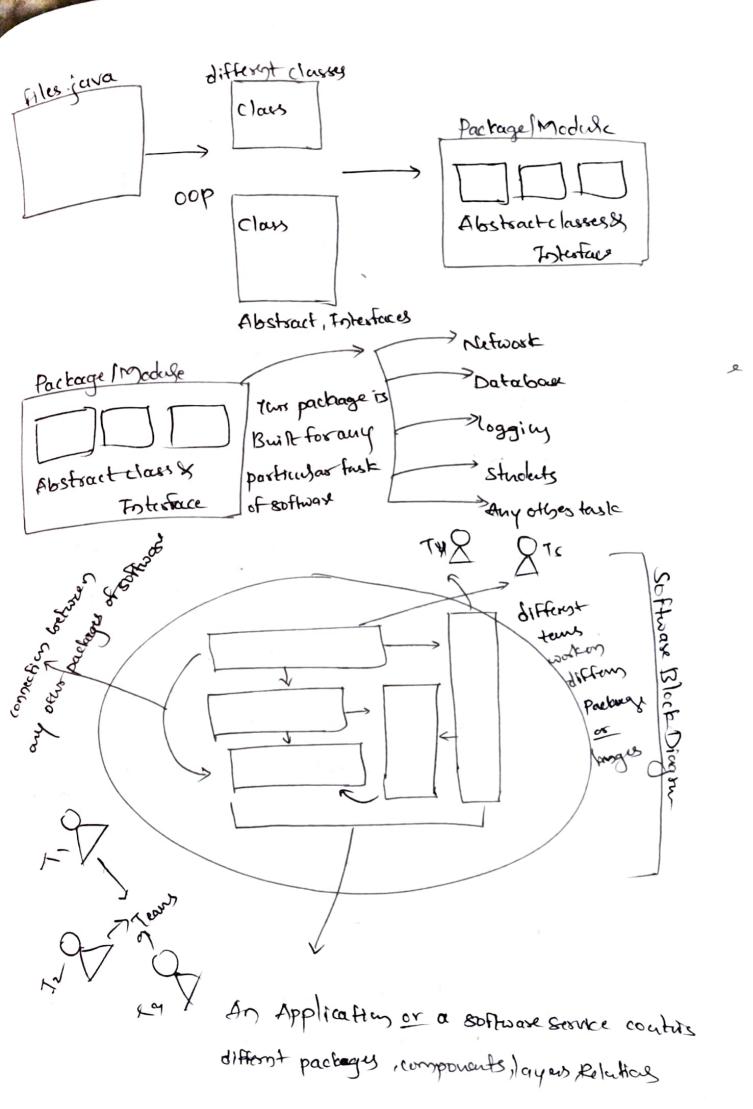
Any Realworld Software contains millions of line of code under which Thousands of Engineers working together so we have to organize and Maintain the code in a Systematic way.



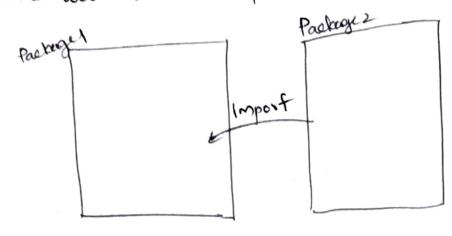
Consider Any project It has to be maintained and well organized

When it comes to opensource Most of the common code which solves the common problem or provides Services to different types of Bushaless Have same Service Need

So the code, made opensource so that any global (outributed can contribute to the software and anyone make use of that opens source software



If we organize and maintain two software in a systamatic way sportier software developers cun work collaborately different Teams work on different package or Moduse of software



Advantages of using Packages in JAVA

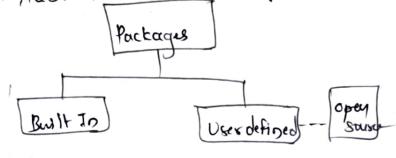
thodularity: Packages Break lorge projects into smaller, Manageouble, development easy.

* Remability: Classes inside a package can be rensed across different projects or past of same project colps to avoid Redundancy.

*Names pare Management: Prevents class Name conflicts

*Organization: Package organize Classes and interface Into meaningfull selated groups improving code Rudability.

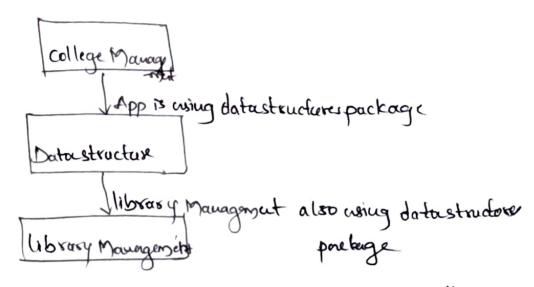
*Access Control: Packages provide différent levels of acress protections
(default, Public, Protected) to meaponlake classes and Fortales



Multiple packages in a software Butouly two required things are used in a file to perform some operation

Package only that connected package is connecting with which

lets understand with Simple Example



ment not verlagter library Management & Vice Versa

Block Diagram: Understanding which package is used by which Ales and shows the connectivity with neatherfunc

with the cosp of Block Diagram we can have the clear picture of the software its wooking packages 50000 rectivity

grad pasty library opensioner

