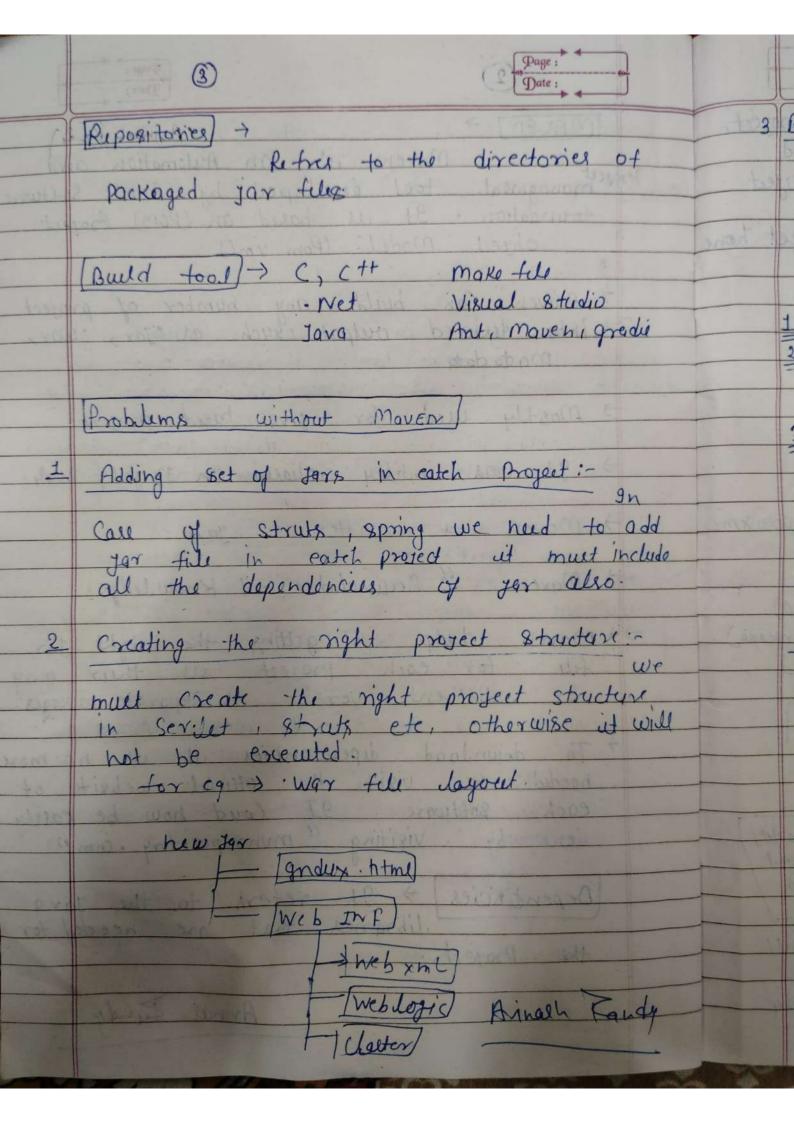
MAVEN Date: Why we we it :- so it is a Buld tool or manages dependencies. But the main Proje thing it it is a Project Management tool. (1949) Java Project Structure (Arived hely) shirt of Source to alcode as asilomothic strong of Thosept structure (and , cherentonic Rumpa) Dependencies/ Library
Configratation i te sus logionog in to Tack - Runner of build - steet + Run. -) Reporting dif ob of takes torses So this all Procus done by any Java project in this procus we want to more man power to reduce somethics Compdexity we use maven. Ant -> maren -> Gradle ald aline Current and Dal New 1 11 12 1 Look transproff Low-4 34 is lockened 24 is more freshed Private factor Avinash Kandy

2 Maven is an Automation and

Project managment tool developed by Apache Software

foundation · 9+ is based on (Pom) Project

object model: (Pom xml) rod (Java) into desired output such as Jax, wax, ma to data. שתיש > Mostly wed for Java based project. > 9.t was intilly released on 13 july 2004. mayer is written in Java. Maren " Accumulator of Knowledge. maren telp in getting the right Jar file for each project as their ray be diffrent version of separate packages. To download dependencies it is no more heeded to visit the official website of each software. 9t could how be easily done by visiting "munrepository.com" Dependencies > 9+ refers to the Java
the Project. That are needed for Avinal Randy



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(Allered) 4 Building and deploing the project:

have to build and deploy the project 80

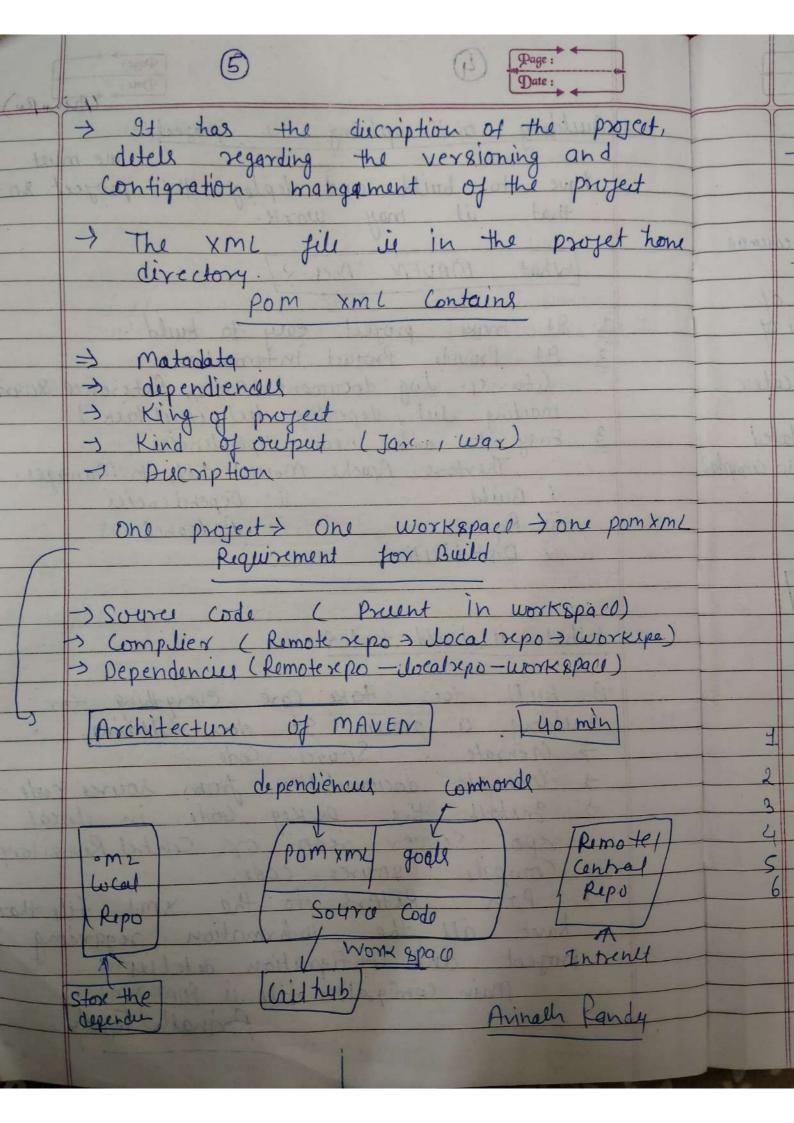
that it may work. 0+ What MAVEN DOCS ?] redie It more project cary to build. 2 9t Provide Project intermation mailing diet, dependies diet, unit tack.) 3 Easy to add new dependencies Therfore, Apache Mewer help to Manages. i Build ii Dependencies iii Reports iv Relignes 9n V Distribution What is build tool ? A build tool take Case everything for Building a procue It does following.

I crentate . Source Code J Crenzate documentation from source code

J gritall the packeg Gode in Local

repo Servey repo or Central Repository J Compile source code.

J Pow Reters to the XML file that
have all the information regarding
project and Configration detelies. main confignation file is form xml Arinalh tandy

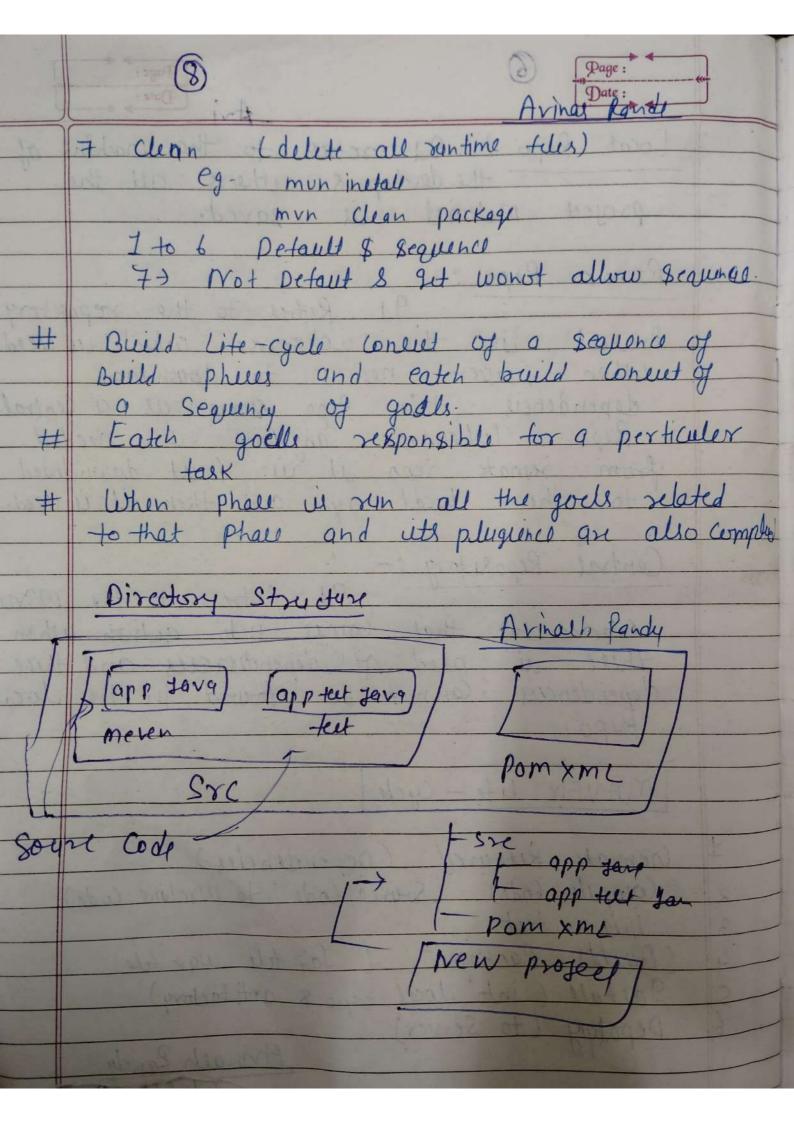


Local Repo 7 9t retres to the machine of

the developers where all the

project meterial in saved. cet, Remote Repo :- 1 91 Retree to the repository Prelent in the webserver which is Weed when meven needs to download dependencie this Repo same as a Central from semote seps it is tiret download to the local seps and then it is the Central Repository:- ' nxml 94 Retree to the MEVEN Community that Come into action when there is need of dependencies and there dependencies Connot be tound in the local upe) MAVEN Lite-cycle Genrate Resource (Dependencies) Compile (code) (Source code to Michine code) Unit teet (Build) Rackage: (Jar tile war tile)

9 netall (into local sepe & artifactory) Depotory (to Server) Avinach Randy



	9	Page: Date:
	MEVEN	
Mil	Avinalh Pardy	
over !	last transport topor	and itn
	Ant	MAVEN
1 2005	It does not has formal Conventions. So we heed to provide information Of the project structure in Build xml file	9.7 has a convention to place some code, compiled code etc. So we don't need to provide to information about the projet structures in pom xmc file. 9.7 is declarative, everything
#	9.t is procederal we	you define in the pom xmc
	heed to provide into	file Manager
	and when to do though	
ovie	Code.	So this all Proces
100	The state of the s	wint will training
#	There is no dife-cycle	There is a life-cycle
	It is a tool box	9t is a forame work
+4	It is mainally a buil	It is mainly project
	9+ in mainally 9 build	9t is mainly project Mangement tool
#	It is bell Betterned then merch	It is more preffred
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