Every thing in the marien was MAYEN → Build Fool Physin. make us a build too's , art -> momen -> gradle, La all care build tools compiling 1000 18 ay code us not possible & there comes the Build hool -> automates the compiling the source code and generate the vartifactory Marien -> Java based built tool make > c, c++ built bool. nAnt > . Net ( windows) other task a Build tool cando? There between the and dountoad diffundancies Jana - Ant, Mauren, Gradle compiling sowill wood · NET - Nant. Packaging Testing documentation perloyment

ANT - another need tool > word to develop TomeAT Server:

> more complen a more disadvantages -> mauen was Born I Every build tool has non Input file: Input file. Art > built- xml build fill to be smarted that needs to be encuted. trave all instructions that build tool should perform. [1st eliment - Project emcliment -> contains XML Newson Target - spuifies a back A Pache Mauer us a sefturire project management Project Management > manages buill, Releases document Manen use convention, over configuration. dourled Jang the convention. JAVA\_HOME ) - Environment Variable downlos Moune & Set MAYEN \_ MOME appen Java- Home & MAVEN\_MOME Erwironment variable ATTHE pory -> project Object model input file for mouen > POM us a fundamental unit ... > Resides in the Bose directory The sail

JPOM-xml contains > minimum Requirements for por - project Root - model u vision - goals - grouped - plugins - project wession - artifacted build profiles. - version Group Id -> Refers to the group your Project Belongs Artifact Id > Name of your Project. Version - Version of your Project com. company name a project name 910 > <del>910 --></del> 910 -> com. cognizant.icici insurance 1.3.6.4.00 39 500 au → 13.0.0.2.8 (moduluerolon> 4.0.0 <-11-> > wisian ay pom.xml. Every defundency have - 910 uersio no defunding is nothing but JAR files. Build Section - have vall the Plugins ruded -> Enoughing Momen does is through Plugins Super Pom > or super POM + wontains wall the common disrectories difundancies. Super port is marters défault pons. all por entends the Super point ron Rom J < Parent > - sufur pom Suler pom = effutive pom = parent pom

mun help: effective-POM - which the difault configuration Pluginname: Goal name Ly format to Run eving Mauen tool Goals = Mojos Plugin -> Set of Goals. Goal → set of tasks. Proj -> Project uweable (in pom. xml) \* Profundy References > \$ \ enuit Manen life yele Phases -> order un which does it build task Phygires are bound to Phenses. Toutes lifeagle -> signerie of phases Mauer has 3 standard difençale - whar default Gon build) P) MAUEN BUILD LIFECUCIE PHASES, Preform - Risowius Juliani - contains edosses Udlidate. comfile -> compile the Java file. · Jan fill stored in . me folder test. -> local Repositary Parkage install > ·m2 + load Repo deploy - Remote Repository

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