MAVEN - BUILD LIFE CYCLE

WE HAVE 7 PHASES IN BUILD LIFE CYCLE

STEP-1: GENERATE RESOURCES

DOWNLOAD FILE FROM DLCDN.APACHE.ORG

(https://dlcdn.apache.org/maven/maven-3/3.9.1/binaries/apache-maven-3.9.1-bin.tar.gz)

download this file using wget command

wget https://dlcdn.apache.org/maven/maven-3/3.9.1/binaries/apache-maven-3.9.1-bin.tar.gz

IT WILL DOWNLOAD THE TAR.GZ FILE SO, WE HAVE TO UNTAR THE FILE

COMMAND: tar -zxvf filename

INSTALL JAVA : yum install java-1.8.0-openjdk -y

TO CHECK THE VERSION: java -version

INSTALL MAVEN : yum install maven -y

TO CHECK VERSION: mvn -v

GO TO FOLDER (APACHE FOLDER)

GENERATE A PROJECT : mvn archetype:generate (we have to provide artifact & group id's)

STEP-2: COMPILE THE CODE

GOAL : mvn compile

STEP-3: TEST THE CODE

GOAL: mvn test

STEP-4: BUILDN THE CODE

GOAL: mvn package

STEP-5: INSTALL THE CODE

GOAL: mvn install

STEP-6: CLEAN THE CODE (opt)

GOAL: mvn clean

NOTE: TO DO AL THESE STEPS IN SINGLE GOAL : mvn clean package