→ 1	Tunit 5
\rightarrow	Turit is a Open Source framework to write and run. repeatable tests.
\rightarrow	Junit 3 and Junit 4 Junit 4 and above provides annotation to define test methods Relife cycle methods of Unit testicase.
\longrightarrow	What us Unit Testing & What us Unit Testing and written test Testing done by developer is called Unit Testing and written test
\rightarrow	what is regussion Testing? Give a Scenario? when we test memby developed method along with old milhods. of a class them it is called Regression Testing.
	Scenario: When we test newly (realed method register User () along with we test old method add().
\rightarrow	Tunit Annotations: @ Test, @ Ignore @ Before (law , @ Afton Cars @ Before . @ Afton
\rightarrow	Fails Vs Assent Helhods Assent methods are used to record failed tests reticues fail () method us used to fail the test on a custom Condition fail () method us used to fail the test on a custom Condition

Which assert methods are aimilable to lest the different test Conditions Y * assert True () :- Therk True Condition Check false condition 4 areat false () check equality of two Objects * assortanal(): + assert Not Equal () - Check both objects are not Equal assect Null () :- Check if Object is Null - award Not Null () :- Check if object us Not Null Who dwelop unit test cases? Developer - who run the testcase? Developer. -> What is Test Suite of Who reuns test suite & when ? + Mest suite in the set of Unit Fest cases. We can im multiple testicales with the help of test suite. Test suite can be defined by two amoutation @ Run with and @ Suite annotations. * Deployment lead sum test sut after deploying the build. -> which annotation is used to test the method ? @ Test Э Э Tes Case Life Cycle Methods: -+ @ Before Claro: - Executed only once when test case class execution is started. Executed only once when testcare class execution * @ After class: as finished. * @ Before: - executed before each test method + @ After :- executed after each test method. Unit Testcase: - Testcase is a test pragram to test a Use Case functionality. Test Runner: - A test runner is Seftuare that runs tests and reports result:

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	Log41 Dependency Log41-1.2.17
→ 1	what is the latist voision of Log4I? Log4J2 Log4j 2.13 (Jana 8 or higher)
→ ·	Logas Stands for logging musages for java. Loggery Logas messages for java. Logary Logas messages for java. Logary
→ W	by do you use logging in your application! Track the health & flow of the application.
→ wh	poonder us an object that sends log messages to their
→ Mo * fi * S	nal destination. The many types of Appenden are thrue the Appendent types of Appendent to the Appendent to
$\longrightarrow \mathfrak{t}$	Ochug Lowest priority. Solve that lowest priority. Fotal has Highest priority. Solve the solvent to the solv
* ,	Development Envisionment - DEBUG
which I	ayout to have wel - Pattern Logot pattern
	19 = 11 L 1000

0	Logging Destination:
0	Conside , file , Network and Database.
3	Can we send showages to multiple distinction of same time
3	TCA .
0	- What is Rolling file Appenden ?
•	Prolling file Apponden can be configured to Create a new to y file every day on create a new file when given file Size is finished.
3	configuration file:
, 3	1094 J. properties & log4J. xml
, ③	-> returne do you keep logij proporties on logij xml file un your
3	In Root package of own application
3	-> How many components in Log43?
G	There are 3 Components in Log45:
9	2. Appenden: - It is responsible for aptiving logging information to
3	Vanious distributory
0	3. Layout: It is responsible for formatting logging information in different Style.
, Ca	-> How to disable logging Message?
	Log4j. Hootloggen = Off
	- why we use log4I nootlogger property?
- J	Log4] rootloggen property is used to set the Target appendents
1	Logu J. mootloggen = DEBUG, File, Stout
)	-> How we make object of Logger day?
	Logger log = logger.gitlogger (Current class)
	both depending on come a miles

- which appenders will we used in me application? Rolling File Appender and console Appender
 - How many types of layout are Available?
 - 4 Datelayout

- HIML lay and
- o pattenlayant

* Simpklayout

- KHI layout
- How you cam Configure multiple Appendirs in properties? * first we set target Apponders in Rootlagger. then we set ang. apache logicij. Rolling file Apponden & Ong apache logicij. Console Appender.
 - . Which design pattern is followed by Log4IP factory duign pattern is followed by logger log = logger, getlogger (this get (laws);