

Date : 28-09-2021

Project 8PM

Mr. RAGHU

<https://www.youtube.com/watch?v=Bn2kF-g504k>

Eclipse Debug:

<https://www.youtube.com/watch?v=HwwF4pvYWws>

Debug Process

Bug :- Problem in application.

ex: giving wrong output, working as not expected.

Debug : it is a process of finding bugs by executing code step by step.

*) UI/Script Debug is done using browser.

*) Logic/Java Debug is done using STS/IDE.

*) UI/Script Debug

S#1 Run your application

S#2 Enter URL in addressbar

ex: <http://localhost/spec/register>

S#3 Click Fn+F12 > Goto Source Menu

> Expan myjs folder > open .js file

> click on any number to create break point

(click inside validate/submit function)

S#4 Click on submit button (before/after entring data)

S#5 use Debug options to execute code step by step

Step over : execute current line and goto next line

Step into : if current line is a function call

then go into function body()

Step return: come out/back from frunction body to call()

Resume : Finish process/next break point

*) Logic/Java Debug is done using STS/IDE.

S#1 open main class and

> Right click on Code > Debug as > Spring Boot Application

S#2 Open controller methods

> goto any method body

> press ctrl+shift+B (or) Right click on blue color bar > Toggle Breakpoint

S#3 Enter URL in browser ex: <http://localhost/spec/all>

S#4 Use debug shortcuts

Step Over(F6) : Execute current line and goto next line

Step into (F5) : Goto method body if current line is a method call
Step Return (F7): Come outof method body to method call()
Resume (F8): Finish execution/goto next break point

Eclipse Debug:-

<https://www.youtube.com/watch?v=HwwF4pvYWws>

=====