COM S 342

Recitation 09/23/2019 – 09/25/2019

Topic

- Debugging in the IntelliJ
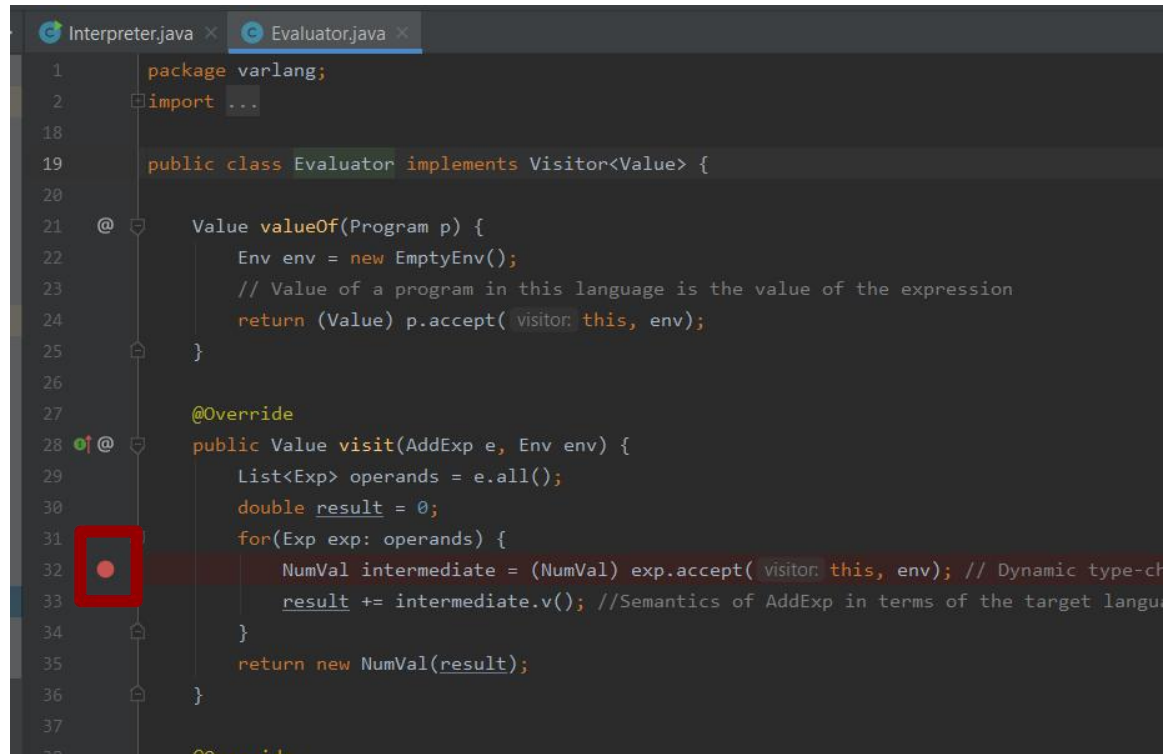
- Q&A

Debug

○ Set Break Point
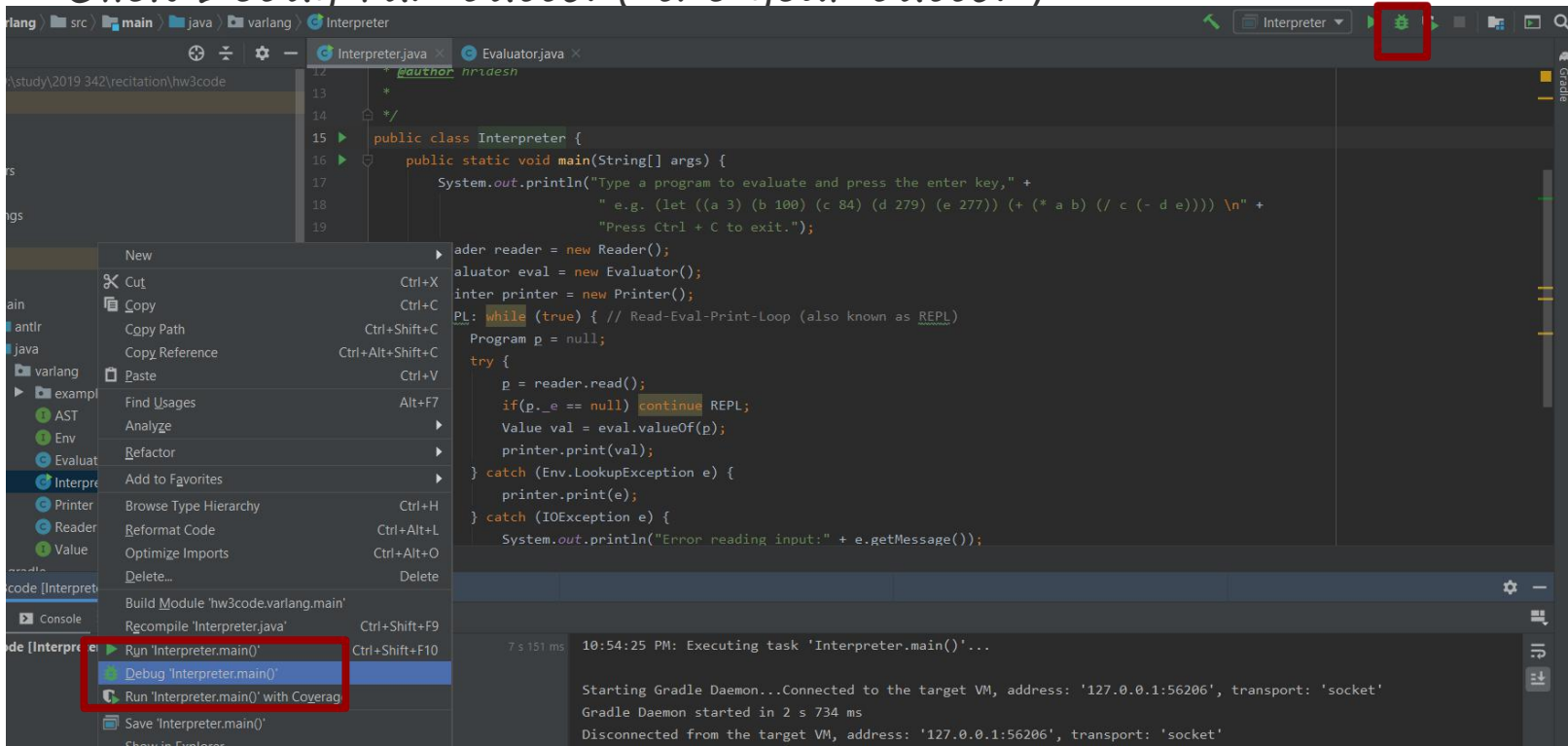
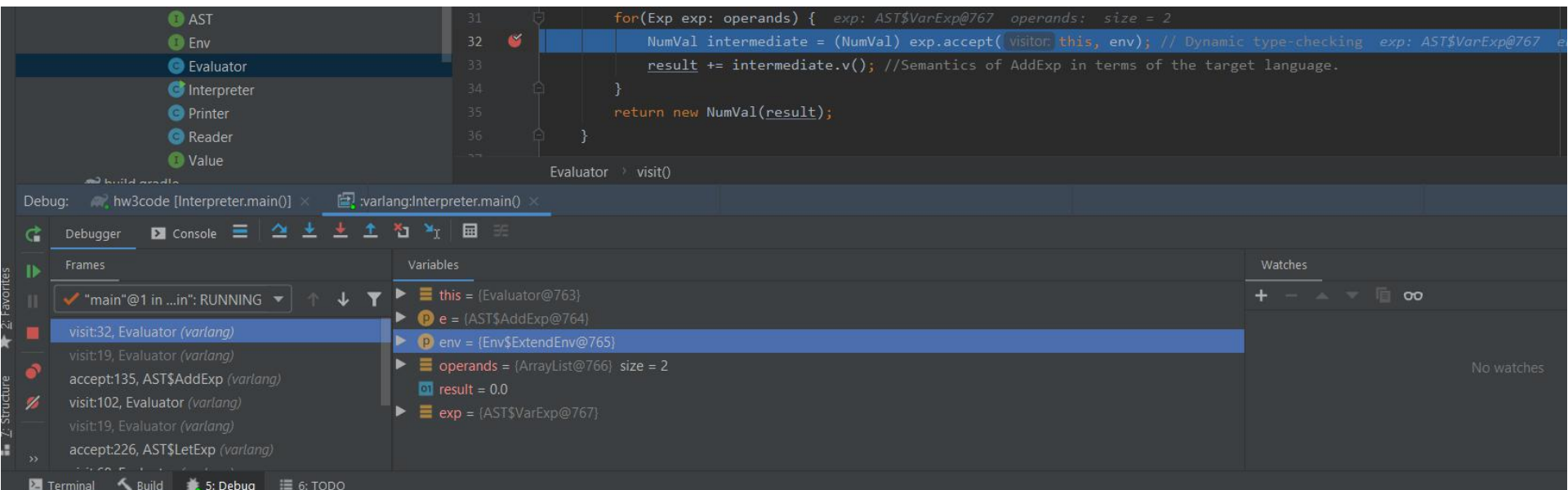Click beside the line number, or

Ctrl+F8

Debug

○Run in Debug model

Right click Interpreter.java, select ''Debug Interpreter.main()'', or
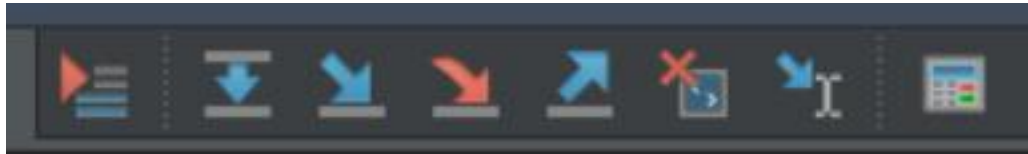Click Debug run button(the gear button)

Debug

○ Debug model

The program will pause when meet break points, debugger view will shown in the bottom

Debug

○ Buttones

Show Execution Point: Jump to current line

Step Over: Go next line, do NOT go into method

Step Into: If the current line invokes a method, go into it; otherwise go next line

Force Step Into: Similar to Step Into, but can go into official library (e.g. println())

Step Out: Back to the line where invoked this method; this method has been DONE, but result is not written
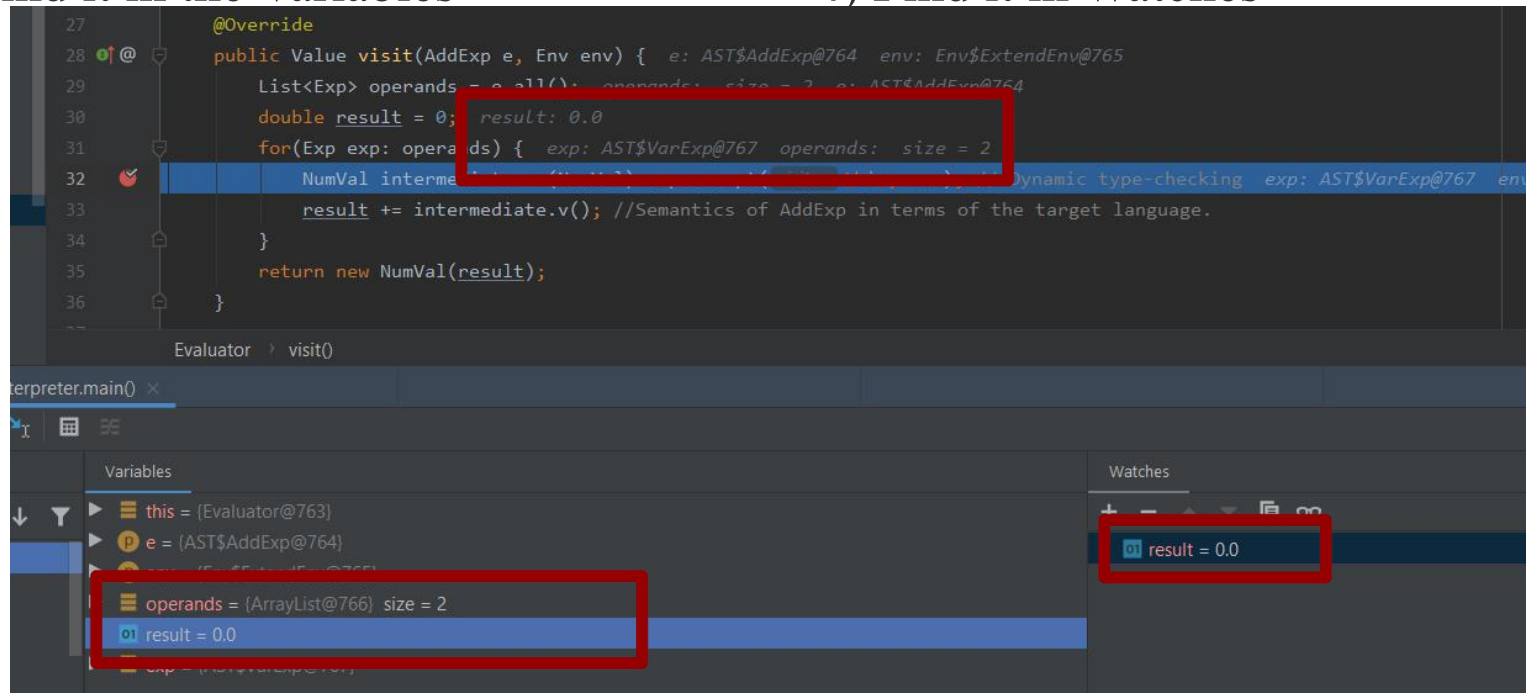
Drop Frame: Back to last method

Run to Cursor: Run the program until the line you select without using break point

Evaluate Expression: Calculate an expression (We will talk about it later)

Debug

○ Variables Checking

1) Current value will shoen after the line   2) Place your mouse on the variable

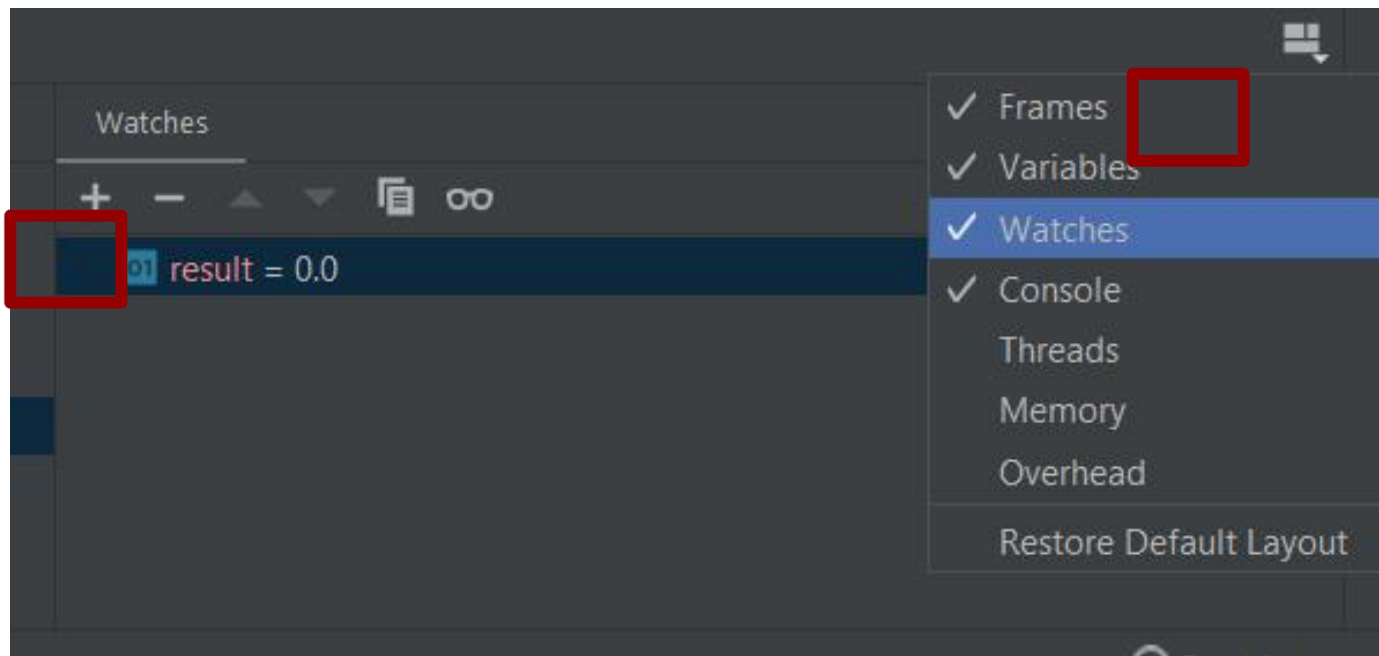3) Find it in the Variables   4) Find it in Watches

Debug

○ Watches

Click the top-right button and select Watches if you cannot find Watches

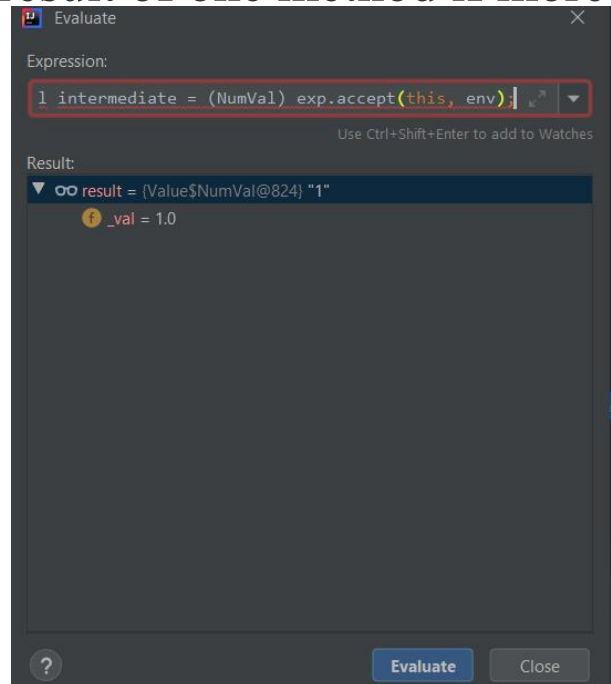Drag from Variables, or click the Plus button to add variables to Watches

Debug

○ *Evaluate Expression*

Select the expression and click Evaluate to get the result

You can get the result of one method if more than one method is invoked

Q&A