**Introduction to Debugging in IDE**

1. What is the purpose of a breakpoint?

To allow you to pause the code as it runs (and step through code to investigate errors for example)

1. Does the line of code on a breakpoint run when you start debugging?

No

1. How do we debug the next line of code?

Use Step over

1. What does the step into command do?

Switches to the method and pauses at the top of that method.

1. What is the difference between evaluate expression and evaluate code fragment?

Evaluate expression – allows you to evaluate and run Java code and bring back a result. Don’t need semi-colons.

Evaluate code fragment – allows you to run multiple lines of code and create temporary variables. Need semi-colons.