

Verinite Technologies Pvt Ltd

Debugging

1. Enabling / Disabling Breakpoints

- **Enable:** Click next to a line of code (blue dot appears).
- **Disable:** Right-click the blue dot and choose "Disable" (turns gray).
- **Re-enable:** Right-click the gray dot and choose "Enable."

2. Running Code in Debug Mode in STS

- **How:** Right-click your project/class, choose "Debug As" -> "Java Application."

3. Step Debugging

- **Step Over:** Move to the next line.
- **Step Into:** Go inside the method call.
- **Step Out:** Finish the current method and return.

4. Shortcuts to Enter and Skip Breakpoints and Methods

- **Enter Breakpoint:** Click next to a line.
- **Skip Breakpoint:** Click "Resume" (green play icon).
- **Skip Methods:** Use "Step Over."

5. Inspect and Update Variable Values

- **Inspect:** Check values in the "Variables" view.
- **Update:** Right-click a variable, choose "Change Value."

6. Inspect and Update Expressions' Values

- **Inspect:** Add expressions to the "Expressions" view to see results.
- **Update:** Change or add new expressions.

7. Re-execute Methods / Frame After Code Update

- **Re-execute Methods:** Restart debugging after code changes.
- **Re-execute Frames:** Stop and start debugging again if needed.