Lesson 06 Demo 02

Debugging with Visual Studio

Objective: To debug the code using Visual Studio Code

Tools required: Linux Cent OS, Node Package Manager, Visual Studio Code

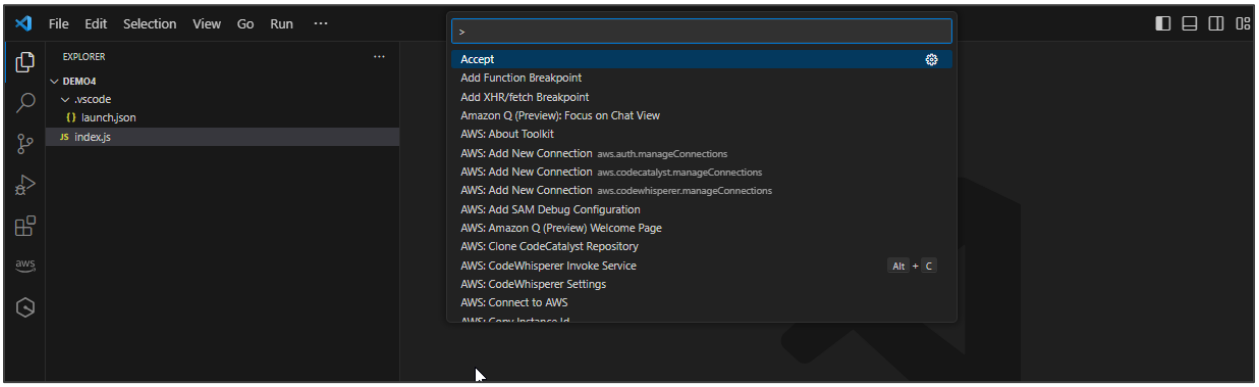
Prerequisites: Basic Linux commands, NPM commands, JavaScript, breakpoints, and VS Code debugging perspective

Steps to be followed:

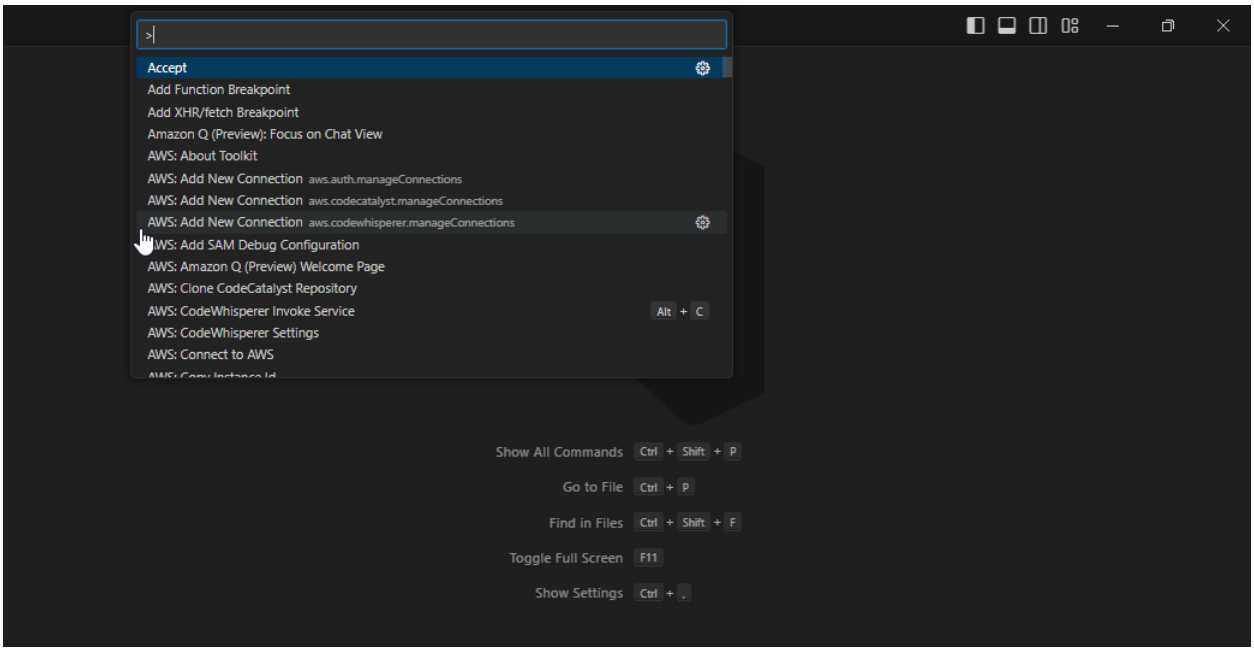
1. Debug using the auto attach feature
2. Create breakpoints

Step 1: Debug using the auto attach feature

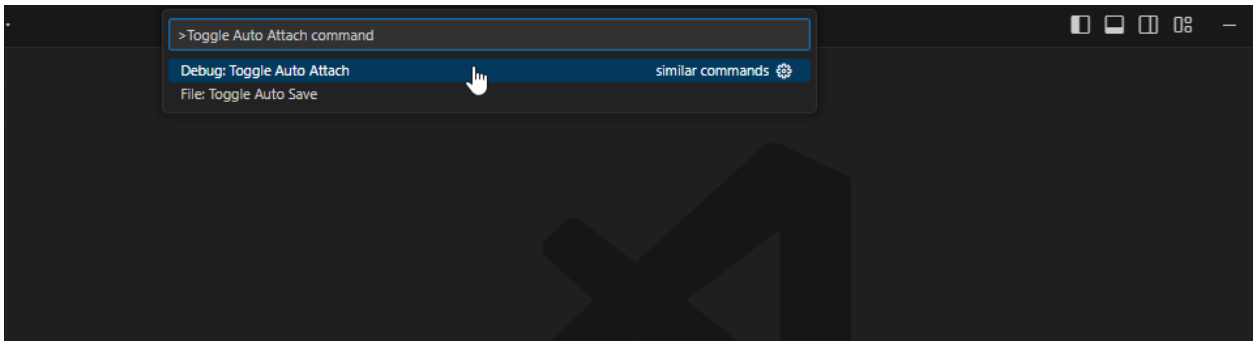
1.1 Go to the VS Code interface and open the command palette using **Ctrl + Shift + P**



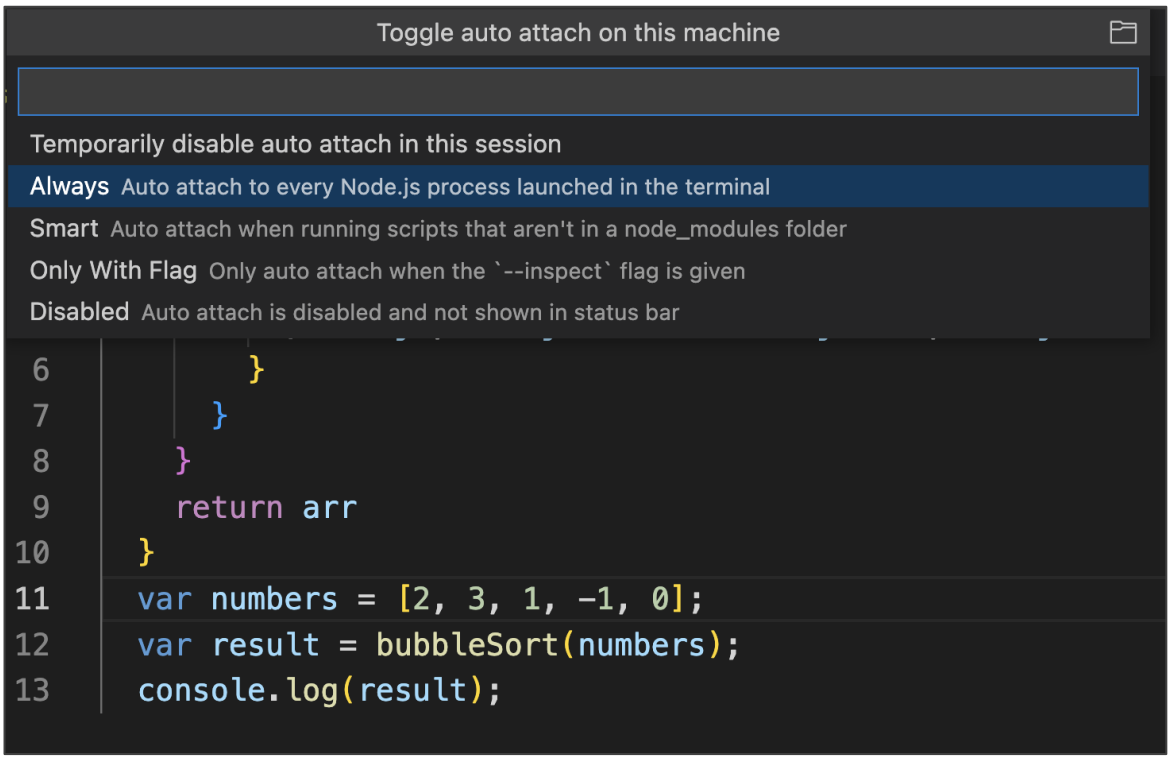
1.2 Open the command palette using Ctrl + Shift + p



1.3 Enable the debugging feature using the **Toggle Auto Attach command** from the command pallete



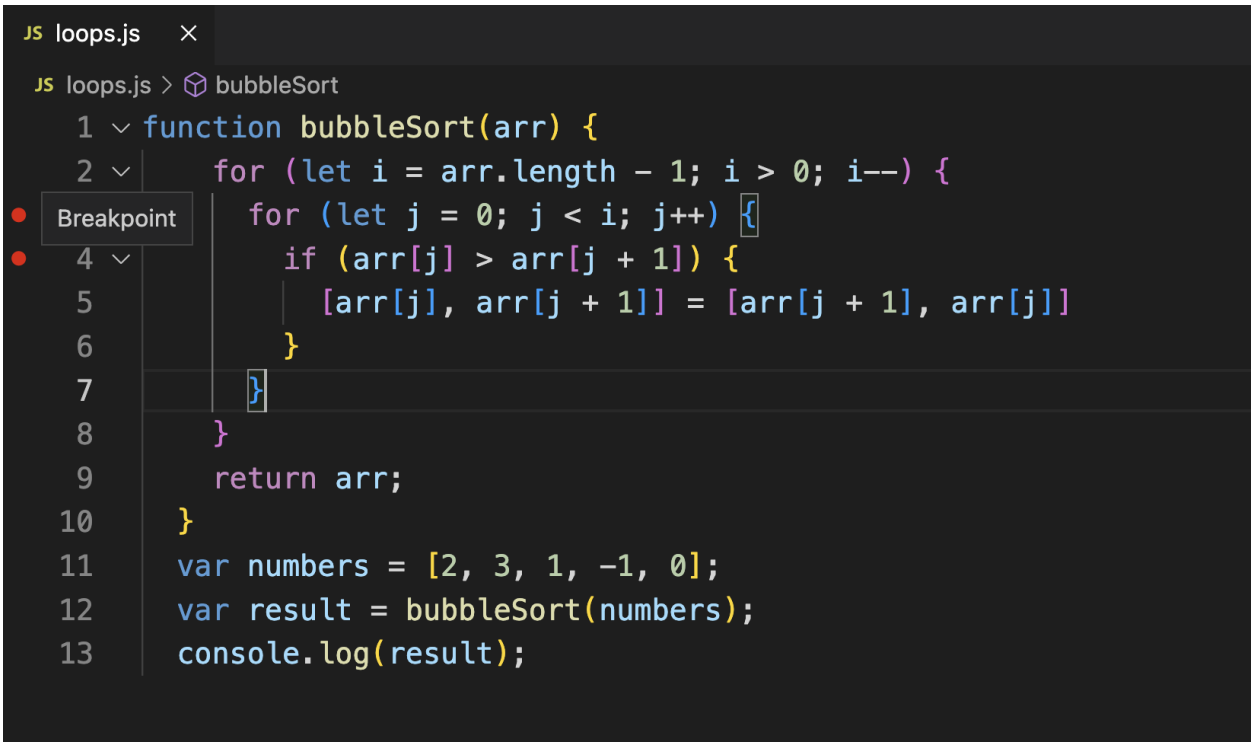
1.4 Enable the three auto-attach modes: **smart**, **always,** and **onlyWithFlag**



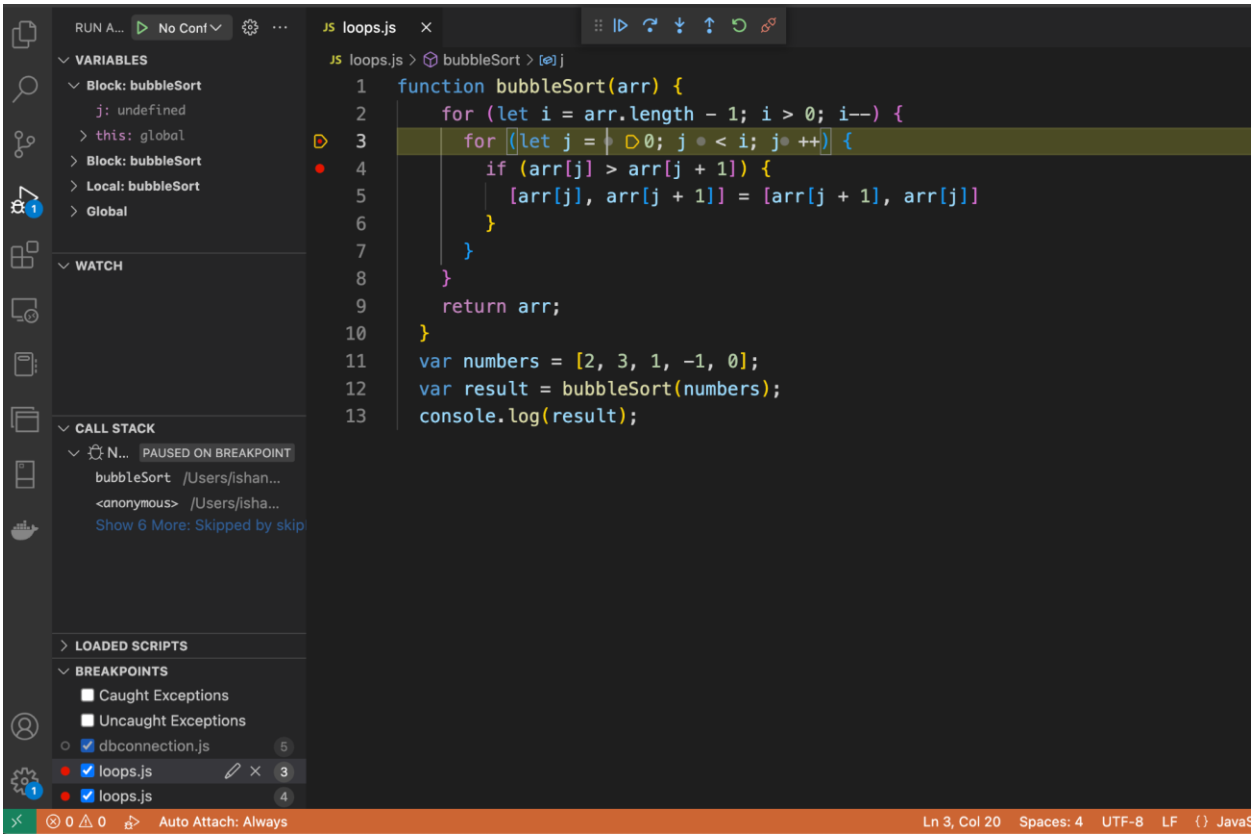
After enabling the auto-attach, restart the terminal.

Step 2: Create breakpoints

2.1 Add the breakpoints in the code:



2.2 Run the code using the command in the terminal: **node loops.js**



The debugger perspective will be viewed in the VS Code.

2.3 Click the buttons to proceed with debugging **continue, step over, step into, step out, restart, disconnect**

By following these steps, you have successfully debugged the code using Visual Studio Code.