





The image shows a Windows 11 desktop environment. The primary application is Visual Studio Code (VS Code), which is open with a Python project. The Explorer sidebar on the left shows a file tree with 'PYTHON' as the root, containing files: 'Arithmeticoperator.py', 'Assignmentoperator.py', 'Bitwiseoperator.py' (selected), 'first.py', 'second.py', and 'third.py'. The main editor window displays the 'Bitwiseoperator.py' file, which contains a script for demonstrating bitwise operations. The script prompts the user to enter two integers, 'a' and 'b'. It then performs and displays the results of several bitwise operations: AND (&), OR (|), XOR (^), NOT (~), left shift (<<), and right shift (>>). Below the editor, the TERMINAL panel is active, showing the command prompt execution of the script. The output matches the script's logic, showing the bitwise results for a=5 and b=3. On the right side of the terminal, a list of recent terminal sessions is visible, including several 'Python' sessions and two 'powershell' sessions. The Windows taskbar at the bottom shows the Start button, a search bar, and several pinned application icons including File Explorer, Microsoft Edge, and various utility apps. The system tray on the far right indicates the current time as 7:35 PM on 5/9/2025, along with weather information (30°C, Haze) and system status icons.











