

The screenshot shows the Visual Studio Code interface. The Explorer panel on the left shows a project named 'homework' with files like 'c\_cpp\_properties.json', 'launch.json', 'tasks.json', and 'helloworld.cpp'. The main editor displays the contents of 'helloworld.cpp', which includes headers for `<iostream>` and `<string>`, uses the `std` namespace, and contains a `main` function that prints a message using `cout`. The bottom panel shows the 'TERMINAL' tab with the command prompt output: 'PS C:\Users\isakh\Desktop\cs-2100\homework> g++ helloworld.cpp & .\helloworld.exe' followed by the program's output: 'Hello C++ World from VS Code and the C++ extension!'. The status bar at the bottom indicates the file is C++ and the window is Win32.

The screenshot shows the 'DEBUG CONSOLE' panel in VS Code. It displays the output of the program's execution, including the loading of system DLLs (sechost.dll, rpcrt4.dll, cryptbase.dll, bcryptprimitives.dll) and the exit of various threads. The final message states: 'The program 'C:\Users\isakh\Desktop\cs-2100\homework\helloworld\helloworld.exe' has exited with code 0 (0x00000000)'. The status bar at the bottom shows the file is C++ and the window is Win32.

Reflection: Fortunately, I already had and used VScode before for Python, but I struggled with setting up the debugging programs in C++, but I eventually resolved it after asking AI.