Instructions to run Week 2 Lab

Step 1: Set Up Environment

Before you proceed, ensure you have set up your TypeScript environment by installing Node.js, TypeScript, and Visual Studio Code.

Step 2: Create a TypeScript File

Open Visual Studio Code.
Create a new file in your project directory and name it something like greetings.ts.

Step 3: Copy and Paste Code

Copy the provided TypeScript code.
Paste the code into the greetings.ts file you created.

Step 4: Open Integrated Terminal in Visual Studio Code

In Visual Studio Code, open the integrated terminal by clicking on "View" in the top menu and selecting "Terminal" from the dropdown.
The terminal will open at the bottom of the VSCode window.

Step 5: Transpile TypeScript Code

In the terminal, navigate to the directory where your greetings.ts file is located. You can use the cd command to change directories.
Once you're in the directory with your TypeScript file, run the following command to transpile the TypeScript code into JavaScript:

```
tsc greetings.ts
```

This will create a greetings.js file in the same directory.

Step 6: Run the JavaScript Code

In the terminal, still within the same directory, run the following command to execute the JavaScript code:

```
node greetings.js
```

This will execute your program and you will see the output in the terminal.

Step 7: Observe the Output

After running the program, you'll see the output in the terminal based on the provided function calls and their results.

By following these steps, you'll be able to run the provided TypeScript code in Visual Studio Code. The code defines functions to greet individuals and teams, and you'll be able to see the output of these greetings in the terminal.

Remember that you need to have Node.js installed on your machine, transpile the TypeScript file (greetings.ts) to JavaScript (greetings.js) using the tsc command, and then run the JavaScript file using Node.js to see the program's output.