

## Open Structs Project

The project/directory for this section is called structs.

To open the Cargo project in VSCode, go to File > Open Folder.... Locate and select the structs directory in the learn-to-code-with-rust course folder.

Alternatively, navigate to the project directory in Terminal/PowerShell and execute code .

Write your code in the src/main.rs.

### Topics Covered in this Section

- Defining a struct
- Instantiating a struct
- Reading and writing struct fields
- Struct update syntax
- Passing structs as function arguments
- Deriving the Debug trait for structs
- The impl Block
- Defining struct methods
- The self Keyword
- 4 variations on self
- Methods with Multiple Parameters
- Associated Functions
- The new constructor function
- Multiple impl Blocks
- Tuple Structs
- The Builder Pattern