**CSE 310 – Applied Programming**

# Module Submission

Name: Teniece Busenbark

Date: 07-27-2025

Module # (1-3): 2

1. Copy the link to your public GitHub repository here:

https://github.com/tenieceb/rust

1. Copy the link to your video here: https://www.youtube.com/watch?v=6\_6oHhLony8
2. Mark an “X” next to the module you completed:

Cloud Databases

Data Analysis

Game Framework

GIS Mapping

Mobile App

Networking

SQL Relational Databases

Web Apps

Language – C++

Language – Java

Language – Kotlin

Language – R

Language – Erlang

Language – JavaScript

Language – C#

Language - TypeScript

X Language – Rust

1. Complete the following checklist to make sure you completed all parts of the module. Mark your response with “Yes” or “No”. If the answer is “No” then additionally describe what was preventing you from completing this step.

|  |  |
| --- | --- |
| **Question** | **Your Response** |
| Did you implement the entire set of unique requirements as described in the Module Description document in I-Learn?  List each requirement from the requirements document and mark if you completed it with a yes or no. | |  |  | | --- | --- | | All Basic Requirements | Complete | | 1.Variables (mutable and immutable) | Yes | | 2.Expressions | Yes | | 3.Conditionals | Yes | | 4.Loops | Yes | | 5.Functions (Ownership or Reference) | Yes | | One Additional Requirement |  | | 1.Use object oriented techniques using both struct and impl. | Yes | |
| Did you write at least 100 lines of code in your software and include function level comments on all the functions you wrote? | yes |
| Did you use the correct README.md template from the Module Description document in I-Learn? | yes |
| Did you completely populate the README.md template? | Yes |
| Did you create the video that includes you in a window, and reference it in the README.md file? | Yes |
| Did you post a link to your video in the proper MS Teams Channel? | yes |
| Did you publish the code with the README.md (in the top-level folder) into a public GitHub repository? | yes |

1. How many hours did you spend on this module this Sprint? Include all time including planning, researching, implementation, troubleshooting, documentation, video production, and publishing.   
   Record your total time here: **12 hours and 40 minutes**

Paste your time log here including time spent each day on your project:

date: 07/23/2025

type: Set up

details: downloading rust and setting it up, creating git repository

time: 25 mins

date: 07/23/2025

type: Pseudo Code

details: creating a pseudo code to outline what my program needs and what I want it to do

time: 10 mins

date: 7/25/25

type: Research

details: using rust-lang.com to learn about rust

time: 5 hours

date: 7/25/25

type: File set up

details: Using Cargo, build the folder and file structure

time: 15 mins

date: 7/26/25

type: Writing code

details: Writing the program code

time: 5 hours

date: 7/26/25

Type: testing

details: Testing code and debugging any issues

time: 1 hour

date: 7/27/25

type: Write README.md

details: write up the read me file

time: 20 mins

date: 7/28/25

type: Record Video

details: recorded video and uploaded it to Youtube.

time: 30 mins

1. What learning strategies worked well in this module and what strategies (or lack of strategy) did not work well? How can you improve in the next module?

Actually, taking the time to read the book on Rust worked well for me. I was able to lock in and use the examples to follow along. What did not work well was not setting limits for myself regarding how much I attempted to digest at a time. I get locked into a topic and struggle to break away. When I do this, sometimes the information becomes jumbled, and I struggle to remember the connections I made previously. To improve this, I need to limit my research sessions and do notes at where I am within that session when I leave it. Another thing that worked really well was to use a 30 minute timer to remember to log my activity more accurately.