

Presidential Initiative for Artificial Intelligence and Computing (PIAIC)

PIAIC Batch 3 Islamabad IoT (Morning, Evening and Online)

<https://www.piaic.org>



Internet of Things (IoT) Specialist Program

Quarter I: Rust Programming

Assignment # 07

Due Date January 19, 2020

Q1. Write a Rust Program,

- Make a module with suitable name in main.rs
- Make a sub module with an other name in first module
- Define a simple function in sub module
- Call that function from fn main

Q2. Write a Rust Program,

- Make a library (lib.rs) alongwith main.rs
- Make a module with suitable name in library
- Make a sub module with an other name in first module
- Define a simple function in sub module
- use that library in main.rs
- Call that function from fn main

Q3. Write a Rust library,

- Make a library package
- Make a module with suitable name in library
- Make a sub module with an other name in first module
- Define a simple function in sub module
- make a binary package
- add your library in dependencies in cargo.toml
- use your library in main.rs
- Call that function from fn main

Push these packages on GiHub and share github link in submission form.

Important: Use meaningful names while declaring variables, structs and functions. Avoid 'a', 'b', 'x', 'y', etc..

Please click [here](#) to submit your assignment

(or paste this link in your browser <https://forms.gle/yYkxFn23D33nuUVN7>)