Presidential Initiative for Artificial Intelligence and Computing (PIAIC)

PIAIC Batch 4-35 IoT

https://www.piaic.org

Internet of Things (IoT) Specialist Program

Quarter 2: Rust Programming

Assignment # 4

Questions:

1. Write a rust program:
   a. Create a variable **score** which is equal to 2.
   b. Create a closure Add_2 which adds 2 to the variable **score**.
   c. In a for loop call your closure 10 times and print the value of **score**.
   d. copy your source code in the google form.
2. Write another rust program:
   a. create another variable **goal** which is equal to 2, in your program above.
   b. Add a thread multiply_**goal** to your program above, and call a closure inside your thread which in a for loop multiplies variable **goal** with 2 for 15 times.
   c. add a sleep time of 20 millisecond in the tread, test your program and make sure thread multiply_**goal does not stop prematurely.**
   d. copy the final source code of your program.

For reference, review book and videos available on portal "Rust Programming Language Part 3".

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

Please click here to submit your assignment
(or paste this link https://forms.gle/xLNjykf9xA2rCbBB7   in your browser)