

## 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 # 5

**Due Date December 08, 2019**

Q # 1. Write a program to know the result of the test (Pass/Fail) by using a function, and perform the following operations: get input name (in String), subject 1 marks and subject 2 marks from user (Note: Consider marks of only 2 subjects for the sake of simplicity. Maximum marks are 100 for each subject.)

- Write a user defined function that receive 3 arguments (marks and student name)
- in user defined function Calculate the percentage and print it along with student name, return percentage to main function
- In main function If percentage is  $\geq 70$ , Print Pass, if  $< 70$  then print Fail.

(input hint: use `std::io`; `io::stdin()`, for string to integer conversion: `parse()` ).

**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 in your browser <https://forms.gle/B5xx3z5UxM9azEuL6> )