**PISA TEST PRACTICE DOCUMENTATION**

**By Imanol González – January 24th 2023**

**Note: The project is made in Spanish**

The PISA test practice was a project part of the subject TC1028 Computational Thinking for Engineering and it was made by the following people:

* Imanol Armando González Solís (me)
* José Miguel Guerrero Jiménez
* Gustavo Adrián Alanis Elizondo
* Emilio Castillo De la Garza

We developed a program that works as a practice resource for the [PISA](https://www.oecd.org/pisa/test/) test. To achieve that goal we used the Tkinter and pillow libraries from python to make a graphic interface in which the user can practice taking multiple-choice exams where their performance in various subjects is graded.

Below are some screenshots of the program:

Graphical user interface, text, application

Description automatically generated Graphical user interface, application

Description automatically generated

Main menu / Selection menu of the topic to practice

Graphical user interface, application

Description automatically generated

Questions in the “Comprensión Lectora” Section

Graphical user interface, text, application

Description automatically generated

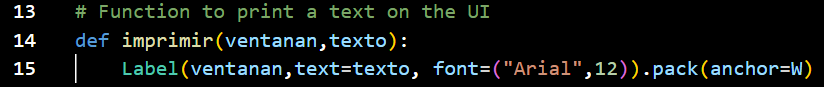
Score window

**CODE EXPLANATION**

Text

Description automatically generated

Creation of the window using Tkinter Library



Function that we use to print in the interface easily

Text

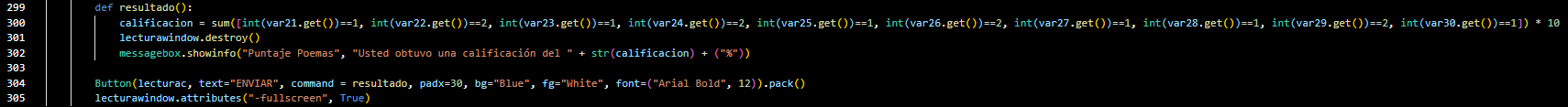
Description automatically generated

Window that appears when selecting one of the 3 main options, for this particular case the “Lectura” one. Then for adding the Scrollbar we created a canvas where all the elements of the window are displayed

A screenshot of a computer

Description automatically generated with medium confidence

Questions for each section



Code found in each section that evaluates the score obtained, displays it in a popup window, and closes the respective section window

Find the complete project at

<https://github.com/imanolgzz/Project-Portfolio/tree/main/Python/pisaTestPractice>

Note: you need to install the Tkinter and Pillow libraries to run the program