ELECTIONS VOTING CODE

By PARADYSE

Guillermo Lorenzo Méndez
Gabriel Bolea Morales
Elías Jonás Gutiérrez Sosa
Ángel López Marina
Nauzet Fernández López

INTRODUCTION:

Hello, welcome, we are Paradyse and we are going to presentate our FOSS project. A test that will determine wether the user could vote or not. We will start by depicting our code. For that Willy will explain the problem we wanted to solve

When we started this project, we wanted to solve a real-world problem using technology. Elections quickly came to mind. Recent events, including controversies involving figures like Donald Trump and Kamala Harris, raised an important question: Are voters fully prepared to make informed choices?

Elections are the heart of democracy, but misinformation and a lack of understanding can weaken the process. It's all about ensuring voters have the knowledge they need to make decisions that benefit everyone.

That's why we developed a simple short test designed to help voters know their value. It includes questions about government, key election issues, and recognizing misinformation. The goal is not to judge or exclude but to educate and empower.

Our system generates fair, unbiased questions and gives instant feedback, helping people learn and feel more confident in their choices. While some might find the idea controversial, we believe informed voters strengthen democracy. This tool is a small step toward ensuring elections reflect thoughtful, informed decisions.

(MODULE) To address these needs, our code begins by importing the module: time. This module spaces out test information, making it easier to read, and user-friendly

(FIRST DEF) This function explains the purpose of the program: evaluating knowledge about elections and offering guidance if needed. The brief pause adds professionalism and gives users a moment to prepare.

(PROGRESS BAR) We created a progress bar which dynamically updates based on progress and total.

'#' * int(percentage // 5) generates the filled portion, and '-' fills the remaining space.

This feature provides visual feedback, making the program interactive and user-friendly

(DEF QUIZ) And lastly as and introduccion to our code, we made questions that we put as dictionaries:

Key Features: Each question includes the prompt and its answer, determining the points for a correct response. Which includes the user interaction with immediate feedback.

CODE DEPICTION:

- Concise and clear description of Lines 58 onwards

Now I will use the code to demonstrate how it works

When we execute the code, it will welcome us and inform us why it was done

The next thing will be the execution of the quiz.

This will have possible real questions if it were something real

Each question will have 4 possible answers each.If you answer correctly you will get a score, in addition to what my colleague explained before, we have developed a progress bar that indicates the point of the questionnaire at which the individual is.

Finally, it will show you the time it took you to answer each question.If you answer the question incorrectly, no points will be added and you will be shown the correct answer.

When you have completed the quiz , you will be shown the correct answers and the score obtained and that information will be used by the program to tell you whether or not you are eligible to vote, if not, it will recommend some actions to take.

We chose the MIT License (Expat) for our project because it offers the following advantages:

1-Permissive and Flexible: It allows anyone to copy, modify, and distribute the software, even in commercial projects. It imposes minimal restrictions, making it easy to integrate into any type of project.

2-Encourages Adoption: Since it is simple and clear, the MIT license makes the software appealing to both independent developers and companies, driving greater adoption and collaboration.

3-Requires Minimal Oversight: The only requirement is to retain the copyright notice, which simplifies compliance and reduces the risk of legal conflicts.

4-Compatible with Other Licenses: The MIT license works well with other open-source and commercial licenses, allowing the software to be used in larger and more complex projects without compatibility issues.

5-Promotes Innovation: Being open and permissive, it facilitates collaboration and software improvement, as developers can freely modify and contribute, speeding up development.

6-Ensures Attribution: Although permissive, it requires that the original authors be credited, providing a good balance between freedom of use and proper attribution.

In summary, the MIT license is ideal if you want an open, user-friendly, and adaptable project that supports both community development and commercial use without complex limitations.

GITHUB:

We organized our GitHub in one main branch, [explain each file] and this are the rules we used [explain rules]