**Development of the Global Knowledge Quiz**

**Abstract:**

The project "Development of the Global Knowledge Quiz" aimed to create a quiz using the C programming language. This challenges users with multiple-choice questions on global topics and awards points based on their answers. It was completed as part of the curriculum for first-year computer science students at St. John College of Engineering and Management.

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**1. Introduction:**

The "Global Knowledge Quiz" project aimed to develop an interactive quiz using C programming. This serves as both an educational tool and a platform for testing knowledge on various global topics. It was undertaken by a team of first-year computer science students at St. John College of Engineering and Management.

**2. Objective:**

The primary objective of the project was to develop a functional quiz capable of:

- Presenting users with multiple-choice questions covering diverse global subjects.

- Awarding points based on the accuracy of users' answers.

- Providing immediate feedback on correct and incorrect responses.

- Calculating and displaying users' total scores at the end of the quiz.

**3. Methodology:**

The project followed a systematic approach, including:

- Requirement Analysis: Identifying the needs and preferences of potential users.

- Design: Outlining the architecture and user interface of the quiz .

- Development: Writing code in C to implement the quiz logic and user interactions.

- Testing: Conducting rigorous testing to ensure functionality, usability, and reliability.

- Iterative Improvement: Incorporating feedback from testing to refine and enhance the .

**4. Implementation:**

The "Global Knowledge Quiz" was implemented using standard C programming constructs. The prompts users with questions and accepts their responses through the command-line interface. It evaluates the correctness of users' answers and updates their scores accordingly.

**5. Results:**

The implementation of the "Global Knowledge Quiz" yielded positive outcomes, including:

- Successful presentation of questions covering a wide range of global topics.

- Accurate evaluation of users' responses and calculation of their scores.

- Effective provision of feedback to users, reinforcing learning and engagement.

- Seamless integration of quiz functionalities within the C programming environment.

**6. Conclusion:**

In conclusion, the development of the "Global Knowledge Quiz" represents a significant achievement for the team of first-year computer science students at St. John College of Engineering and Management. The project not only enhanced their programming skills but also contributed to the educational landscape by creating a valuable learning resource.

**7. References:**

- C Programming Language documentation

- Relevant course materials and tutorials

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This project report outlines the development process and outcomes of the "Global Knowledge Quiz" , showcasing the collaborative efforts and dedication of the team members in the field of computer science.