

# *Code Snippet Manager Program*

## *Description*

The Code Snippet Manager is a utility application that allows coders to save, manage, and quickly retrieve code snippets. These snippets can include functions, classes, or any other pieces of reusable code. The application organizes snippets by their type or language, enabling quick look-up. For added functionality, the application also includes syntax highlighting based on the programming language.

### Key Features:

- **Add New Snippet:** Allows users to input a new code snippet with a title, description, and associated language.
- **View Snippets:** Displays a list of saved snippets, allowing users to view and manage their code snippets.
- **Search Snippets:** Provides search functionality to quickly find snippets based on titles or descriptions.
- **Syntax Highlighting:** Highlights code syntax based on the programming language for better readability.
- **Organized Storage:** Snippets are organized by language and type for easy access.

### Implementation Details:

1. **Graphical User Interface:** The program uses a GUI to provide an intuitive interface for managing code snippets.
2. **Data Storage:** Code snippets are stored in a SQLite database, ensuring persistent and organized storage.
3. **Syntax Highlighting:** Uses the Pygments library for syntax highlighting.