PYLEARNERS

NAMES:

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5. PROBLEM STATEMENTS:

Date & Time Applications

- Age calculator-

  To build a Python program that calculates a person's age from their date of birth and shows it in years, months, and days

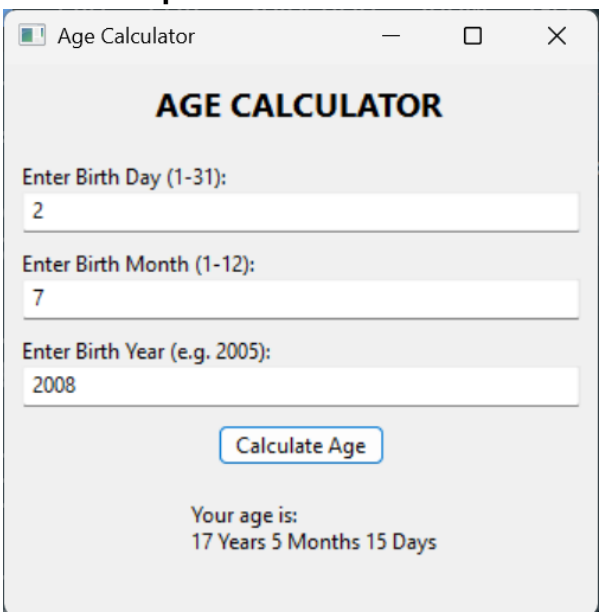
6. APPROACH USED:

This project is developed using Python with the wxPython library to create a simple graphical user interface (GUI). The application takes the user's date of birth as input through text fields for day, month, and year. When the user clicks the 'Calculate Age' button, the program uses the datetime module to get the current date and calculate the difference between today's date

and the date of birth. The age is calculated in terms of years, months, and days. Basic conditional logic is used to handle negative values for months and days. Error handling is included to show a message box if the user enters invalid input. This project is designed in a beginner-friendly way to understand GUI programming and date calculations in Python.

7. SAMPLE INPUT/OUTPUT:

- Input



4. Challenges Faced:

- Checking if the date entered was valid
- Handling leap years and different month lengths
- Converting the age into years, months and days