

Exercise 13-2 Calculate the user's age

In this exercise, you'll write a program that accepts a person's birth date from the console and displays the person's age in years. To make that easier to do, we'll give you a class that contains the code for accepting the birth date. The console output for the program should look something like this:

```
Welcome to the age calculator.  
  
Enter the month you were born (1 to 12): 5  
Enter the day of the month you were born: 16  
Enter the year you were born (four digits): 1959  
  
Your birth date is May 16, 1959  
Today's date is Feb 9, 2012  
Your age is: 52
```

1. Open the project named `ch13_ex2_AgeCalculator` that's in the `ex_starts` directory. Then, review the code in the `AgeCalculatorApp` class.
2. Add code to this class that gets the current date and then uses the current year to validate the birth year the user enters. The user should not be allowed to enter a year after the current year or more than 110 years before the current year.
3. Add code to create, format, and print the user's birth date and to format and print the current date.
4. Add code to calculate and print the user's age.
5. Test this project with a variety of dates to be sure it works.