Drill from page 407

1. Start a program called `Test_output.cpp`. Declare an integer `birth_year` and assign it the year you were born.
2. Output your `birth_year` in decimal, hexadecimal, and octal form.
3. Label each value with the name of the base used.
4. Did you line up your output in columns using the tab character? If not, do it.
5. Now output your age.
7. Go back to 2 and cause your output to show the base for each output.
8. Try reading as octal, hexadecimal, etc.:

   ```c
   cin >> a >>oct >> b >> hex >> c >> d;
   cout << a << 't' << b << 't' << c << 't' << d << '
' ;
   ```

   Run this code with the input

   ```
   1234 1234 1234 1234
   ```

   Explain the results.

9. Write some code to print the number `1234567.89` three times, first using `defaultfloat`, then `fixed`, then `scientific` forms. Which output form presents the user with the most accurate representation? Explain why.

10. Make a simple table including last name, first name, telephone number, and email address for yourself and at least five of your friends. Experiment with different field widths until you are satisfied that the table is well presented.