Static Data Members Exercises

Static Data Members

- Write a program with a header file and two source files
    - The header file defines a class which has a static data member
    - The two source files include this header file
    - One source file defines and initializes the static member
    - The other source file has a main function which displays the static member's value

Static Data Members in C++11

- Write a similar program to your earlier solution, but this time using constexpr static data members

- What are the advantages of making static data members constexpr?

- Are there any disadvantages to making static data members constexpr?

Static Data Members in C++17

- Write a similar program, but this time using inline static data members

- What are the advantages of making static data members inline?