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/*This programme shows how to define an object of the struct Book*/
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#include <iostream>
#include <string>
using namespace std;

// Defining a structure Book
struct Book // definition book structure
{
    // Elements inside Book (Data members)
    int ISBN;
    string author;
    int numberOfPages;
    int yearPublished;

    //Historically structs did not allow having memeber functions, modern C++ allows it
};

void main() {
    Book boringBook; // create book

    boringBook.author = "Man"; // author of the book

    boringBook.numberOfPages = 1785; // number of pages

    boringBook.yearPublished = 2015; // year published

    cout << "The book is authored by " << boringBook.author << " and was published in " <<
boringBook.yearPublished<<endl;

    system("pause");
}
```