**Types Worksheet**

Given the book\_t structure, the books and bookPtrs array from the lecture notes, fill in the types below. Assume any index used is not out of bounds. Assume the pointers in bookPtrs point to the book\_t structure in the books array. If code is not valid, just write “Invalid”.

|  |  |
| --- | --- |
| **C/C++ code** | **Type** |
| books |  |
| books[i]->title |  |
| books[i] |  |
| books[i].title |  |
| books[i].title[j] |  |
| books[i].edition |  |
| books.edition |  |
| title |  |
| bookPtrs |  |
| bookPtrs[i] |  |
| bookPtrs.title |  |
| bookPtrs[i].title |  |
| bookPtrs[i]->title |  |
| bookPtrs[i]->title->j |  |
| bookPtrs[i]->title[j] |  |
| bookPtrs[i]->edition |  |
| bookPtrs[i]->edition[j] |  |