**You use the MVC pattern to organize your code**

1. **Build a Book Class to manage Books which Book’s information is describe as below:**

|  |  |
| --- | --- |
| **Books** | |
| bookID | Int |
| Name | String |
| Authur | String |
| publishingyear | Int |
| production | String |

Hint: write a constructor and getBookID, getName, getAuthur, getpublishyear, getproduct, setBookID, setName, setAuthur, setpublishyear, setproduct methods for each property.

1. **Build a web application to manage Book by use Books class and make follow operations:**
2. Add a Book (Book information input from form HTML);

Hint: - Start a session with the default cookie parameters

- Use the autoglobal $\_SESSION variable to set the Book’s data.

1. Show a list of Books;

Hint: Use the autoglobal $\_SESSION variable to get the Book’s data.

1. Search Book by Name;

Hint: This is call a function which accept a Name as a string then search in Book array and return first object have name matching with Name string. If there is not matching a null value is return.

1. Delete Book from list of Books.

Hint: You can use the unset function to remove an element from the $\_SESSION.

1. Use MVC pattern to structure web application that processing requirements.