1)Write a menu driven program for a “***BOOK MART***” with the following menu options:

***BOOKMART MENU***

* 1. ***Availability***
  2. ***Purchase***
  3. ***Exit***

The details of the books are stored in a structure “***books***” with the member variables ***book\_number, book\_name, book\_price, book\_author, number\_of\_copies.***

Declare the different member variables (use meaningful abbreviations for the variables; e.g. **bno** for *book number*, **noc** for *number of copies* etc.) with appropriate data types. Use an array of structure ***book[ ]*** to insert details for at least 5 books. Your program shall run continuously for all the operations until you press ***Exit*** option in the menu. Purchase menu should be used to purchase a particular book using the book number as user input. [Hint: usage of SWITCH within WHILE statement (repeating loop)].

2)Create structure COMPLEX to represent a complex number(consists of 2 members – real and imag). Write functions to read, display and add 2 complex numbers using the above structure.