CS23302 – DATA STRUCTURES LABORATORY

Lab no.2 Date:9.7.26

ON THE SPOT - MODIFICATIONS

1. Include a structure variable called number of copies (int) and make both booktitle and authorname as pointer to character. Make use of dynamic memory allocation to memory.
2. Define a function called purchase(char*, char*,int) that takes booktitle, authorname, copies needed as argument and returns 1 if purchase successful else 0. validate the sufficient number of copies available befor purchase
   Whenever purchase is successful, it decrements the number of copies.
3. Define a function called float billAmount() that generate the final amount bill amount for the purchase after deducting the discount and adding 2% salestax.
4. Define a function called float Discount() that calculates discount which is 15% of purchase amount