

<div> <div></div> <div>BookStore</div> </div> <div> <div>-allMembers : ArrayList&lt;member&gt;</div> <div>-allProds : ArrayList&lt;products&gt;</div> <div>-nextID : static int</div> <div>-isTheStoreOpen : boolean</div> </div> <div> <div>+getNextID() : int</div> <div>-incrementNextID() : void</div> <div>+BookStore()</div> <div>+addMember() : int</div> <div>+setOpenStore(boolean) : void</div> <div>+isOpen() : boolean</div> <div>+getMembers() : ArrayList&lt;member&gt;</div> <div>+getProds() : ArrayList&lt;products&gt;</div> <div>+addProd(int, int, int, int) : void</div> </div>	<div> <div></div> <div>Main</div> </div> <div> <div>+console : Scanner</div> <div>+bookstore01 : BookStore</div> </div> <div> <div>+main();</div> </div>
<div> <div></div> <div>member</div> </div> <div> <div>-id : int</div> <div>-isPremium : boolean</div> <div>-booksPurchased : int</div> <div>-compactDisksPurchased : int</div> <div>-DVDsPurchased : int</div> <div>-totalSpent : double</div> <div>-feeDue : boolean</div> <div>-payMethod : boolean</div> </div> <div> <div>+member(int, boolean, int, int, int, double, boolean, boolean);</div> <div>+setID(int) : void</div> <div>+getID() : int</div> <div>+setPremium(boolean) : void</div> <div>+getPremium() : boolean</div> <div>+setBooksPurchased(int) : void</div> <div>+getBooksPurchased() : int</div> <div>+setCDsPurchased(int) : void</div> <div>+getCompactDisksPurchased() : int</div> <div>+setDVDsPurchased(int) : void</div> <div>+getDVDsPurchased() : int</div> <div>+setFeeDue(boolean) : void</div> <div>+getFeeDue() : boolean</div> <div>+setTotalSpent(double) : void</div> <div>+getTotalSpent() : double</div> <div>+setPayMethod(boolean) : void</div> <div>+getPayMethod() : boolean</div> </div>	<div> <div></div> <div>products</div> </div> <div> <div>-numberOfBooks : int</div> <div>-numberOfCDs : int</div> <div>-numberOfDVDs : int</div> <div>-priceBook : double</div> <div>-priceCD : double</div> <div>-priceDVD : double</div> <div>-totalPurchaseCost : double</div> </div> <div> <div>+products(int, int, int, int):</div> <div>+products(int, int, int);</div> <div>+setNumberOfBooks(int) : void</div> <div>+getNumberOfBooks() : int</div> <div>+setNumberCDs(int) : void</div> <div>+getNumberCDs() : int</div> <div>+setNumberDVDs(int) : void</div> <div>+getNumberDVDs() : int</div> <div>+setTotalPurchaseCost(double) : void</div> <div>+getTotalPurchaseCost() : double</div> </div>