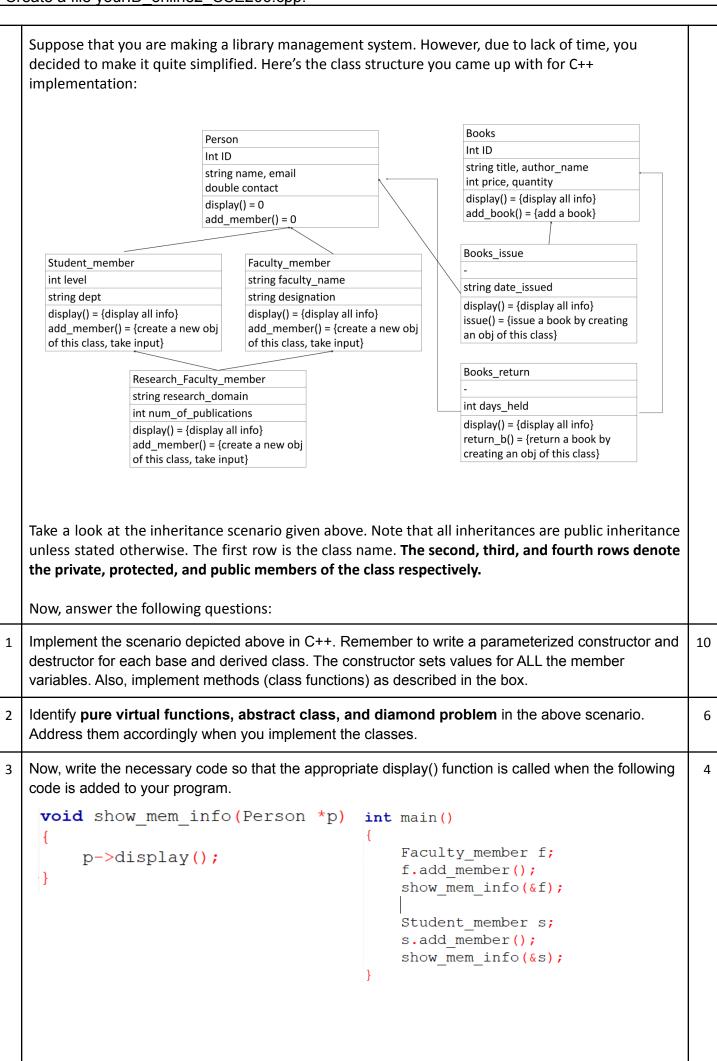
MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering (CSE)

CSE 206: Object-Oriented Programming Language Sessional I

Online 2

0 mm v =		
Time: 1 Hr 30 min	Full marks: 35	
Create a file yourID_online2_CSE206 cpp		



Now, overload the following operators based on the details in the table given below. Note that book is an object of Books and book_returned is an object of Books_return.

Operator	Sample Operation	Description
++	book++	Increases the quantity of the book by 1.
+=	book+=5;	Increases the quantity of the book by 5.
-	book = 5 - book;	decreases the quantity of the book by 5.
N/A	int fine = book_returned;	if days_held > 30 then fine = (days_held-30) * 3 else fine = 0;

7 Now, create a menu in the main function the has the following features.

Menu Option	Feature Description	
1 Add Member	Asks the user what type of member it is. Then takes input accordingly to create an object of that class. Then appends the info in a file named "member_log.txt"	
2 Add Book	Adds a book by taking necessary input from the user. Creates an object and appends the info in a file named "book_log.txt"	
3 Issue book	Calls the issue() function of Books_issue to create an object.	
4 Return book	Calls the return_b() function of Books_return to create an object.	
5 Exit	Closes the program	

8

7