Task: Advanced Library Management System (Expert)

You have been asked to further enhance the library management system you previously created. The library wants to keep track of the number of copies available for each item and manage the borrowing and returning process of the items. They also want to maintain a list of library members and their borrowed items.

Create a class **LibraryMember** with the following specifications:

1. Properties:
   * **id**: number - A unique identifier for the library member.
   * **name**: string - The name of the library member.
   * **borrowedItems**: LibraryItem[] - An array of borrowed library items.
2. Methods:
   * **borrowItem(item: LibraryItem)**: void - A method that adds the given item to the **borrowedItems** array.
   * **returnItem(item: LibraryItem)**: void - A method that removes the given item from the **borrowedItems** array.

Update the **LibraryItem** interface and its implementations to include the following property:

1. Property:
   * **copiesAvailable**: number - The number of copies available for the library item.
2. Methods:
   * **borrowCopy()**: void - A method that decreases the **copiesAvailable** count by 1.
   * **returnCopy()**: void - A method that increases the **copiesAvailable** count by 1.

Example:

const member1 = new LibraryMember(1, "John Doe"); member1.borrowItem(book1); console.log(book1.displayInfo()); member1.returnItem(book1); console.log(book1.displayInfo());

Output:

Book ID: 101, Title: 1984, Author: George Orwell, Publication Year: 1949, Copies Available: 9 Book ID: 101, Title: 1984, Author: George Orwell, Publication Year: 1949, Copies Available: 10