Class Admin extends User {

Private Book[] books;

Private int bookCount;

Public Admin(String name, int capacity) {

Super(name);

Books = new Book[capacity];

bookCount = 0;

}

Public void addBook(String title, String author) {

If (bookCount < books.length) {

Books[bookCount++] = new Book(title, author);

System.out.println(“Buku ‘” + title + “’ berhasil ditambahkan.”);

} else {

System.out.println(“Penyimpanan buku penuh.”);

}

}

Public void removeBook(String title) {

For (int i = 0; i < bookCount; i++) {

If (books[i].getTitle().equalsIgnoreCase(title)) {

System.out.println(“Buku ‘” + title + “’ berhasil dihapus.”);

Books[i] = books[bookCount – 1]; // Ganti dengan buku terakhir

Books[bookCount – 1] = null;

bookCount--;

return;

}

}

System.out.println(“Buku tidak ditemukan.”);

}

Public void displayBooks() {

System.out.println(“Daftar Buku:”);

For (int i = 0; i < bookCount; i++) {

Books[i].displayInfo();

}

}

@Override

Public void interact() {

System.out.println(name + “ (Admin) sedang mengelola perpustakaan.”);

}

}