PSOOP (Java)

-Lecture 4

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AGENDA

- Complex class-> Objects as parameter example
- Array of Objects example

Complex class

- Consider a class called Complex which provides operations to add, subtract, multiply 2 complex numbers. Design and Implement the Complex class in Java.

ARRAYS IN JAVA: EXAMPLE

A Café provides a small list of items in the menu as under:

1. Cheese Burger
2. Chocolate Cake
3. Cold Coffee
4. Cappuccino
5. Cheese Pizza

Consider an Order placed at the Café

The order consists of a list of items along with the quantity and price of each item.

Create a class called Order with data: order_id, item[],item_price[],item_qty[]

Write a method called calculateTotal() which computes total for a given order. Create an array of orders in main() and call the calculateBill() method for all orders.

Later, call a method called analyseOrders(Order[], int total) which finds which orders fetch more than the given total.

THANK YOU