

```

//Encapsulated BankAccount class
class BankAccount {
    private String accountHolder;
    private double balance;
    // constructor
    public BankAccount(String accountHolder, double balance) {
        this.accountHolder = accountHolder;
        this.balance = balance;
    }
    public String getAccountHolder() {
        return accountHolder;
    }
    public double getBalance() {
        return balance;
    }
    public void deposit(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("Deposited: " + amount);
        } else {
            System.out.println("Invalid deposit amount");
        }
    }
}

public class practice{
    public static void main(String[] args) {
        BankAccount acc = new BankAccount("Sumedha", 1000);
        System.out.println("Account Holder: " + acc.getAccountHolder());
        System.out.println("Balance: " + acc.getBalance());
        acc.deposit(500); // deposit money
        System.out.println("Updated Balance: " + acc.getBalance());
    }
}

```

OUTPUT :

```
Account Holder: Sumedha  
Balance: 1000.0  
Deposited: 500.0  
Updated Balance: 1500.0
```