package Com.t8;

//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 Encapsulation{

public static void main(String[] args) {

BankAccount acc = new BankAccount("Deekshitha", 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: Deekshitha

Balance: 1000.0

Deposited: 500.0

Updated Balance: 1500.0