

9. Fund Transfer :

```
import java.util.*;
import java.lang.*;
class Account1
{
    String id;
    String name;
    int balance =0;

    Account1(String id,String name)
    {
        this.id=id;
        this.name=name;
    }
    Account1(String id,String name,int balance)
    {
        this.id=id;
        this.name=name;
        this.balance=balance;
    }

    String getID(){
        return this.id;
    }

    String getName(){
        return this.name;
    }

    int getBalance(){
        return this.balance;
    }

    int credit(int amount){
        this.balance=amount+this.balance;
        return this.balance;
    }

    int debit(int amount){
        if(amount<=this.balance)
            this.balance=this.balance - amount;
        else
            System.out.print("Amount exceeded balance");

        return this.balance;
    }
}

int transferTo(Account1 another,int amount){
    if(amount<balance){
        this.debit(amount);
        another.credit(amount);
    }
    else
        System.out.println("Insufficient Balance");

    return this.balance;
}

public String toString() {
    return String.format("Account[id=%s,name=%s,balance=%d]",
id,name,balance);
}
}

public class TestMain /*Eta "Source" class*/
{
    public static void main(String[] args) {
        // Test constructor and toString()
        Scanner sc=new Scanner(System.in);
        String id1=sc.nextLine();
        String name1=sc.nextLine();
        int balance1=sc.nextInt();
        sc.nextLine();
        String id2=sc.nextLine();
        String name2=sc.nextLine();
        int amount1=sc.nextInt();
        int amount2=sc.nextInt();
        int amount3=sc.nextInt();
        Account1 a1 = new Account1(id1,name1,balance1);
        System.out.println(a1.toString());
        Account1 a2 = new Account1(id2,name2);
        System.out.println(a2.toString());
        a1.credit(amount1);
        a1.debit(amount2);
        a1.transferTo(a2,amount3);
        System.out.println(a1.toString());
        System.out.println(a2.toString());
    }
}
```