NCR

Data segment

Org 1000h

N dw 6

R dw 3

Org 2000h

Ncrp dw 0

Data ends

Code segment

Assume cs:code,ds:data

Start:

   Mov ax,data

   Mov ds,ax

   Mov ax,n

   Mov bx,r

   Call ncrp

   Mov ah,4ch

   Int 21h

Ncrp proc near

   Cmp bx,0h

   Je res

   Dec ax

   Cmp bx,01h

   Je result

```
        Cmp bx,ax
        Je result
        Push ax
        Push bx
        Call ncrp
        Pop bx
        Pop ax
        Dec bx
        Push ax
        Push bx
        Call ncrp
        Pop bx
        Pop ax
        Ret
Res:
        Inc ncr
        Ret
Result:
        Inc ncr
        Add ncr,ax
        Ret


Ncrp endp
Code ends
End start
```