Problem 2

A)

Input	(number/2) >=divider)	Num % divider ==0	Sum=sum divider	Divider = divider +1	Output
25	$12.5 \geq 2$ False	25%2 ==0 False	1+5=6	2+1=3	25 is not a prefect number
1	$1/2 \geq 2$ False	1%2 ==0 False	1	1	1 is not a perfect number
0	$0 \geq 2$ False	0%2 ==0 False	1	1	0 is not a prefect number
6	$3 \geq 2$ True	6%2 ==0 True	1+2+36	3+1=4	6 is a perfect number
28	$14 \geq 2$ True	28%2 ==0 True	1+2+4+7+14=28	5+1=6	28 is a perfect number

B) Start
startNum=0
endNum=0
Read(startNum)
Read(endNum) for(i=start to
i<=end) DO sum=1
divider=2
while((i/2)>=divider) DO
IF(i%divider==0) Then
sum=sum+divider
End IF
divider=divider+1
End while
IF(i==sum AND i!=1) Then
Print(i," ")
End IF i=i+1
End for End