```
PROGRAM:TRAP
:Func:F=1/(1+x^2)
:Prompt A,B,N
:0 → S
:For(J,1,N-1,1)
:S+2*evalF(F,x,(A+J*(B-A)/N)) → S
:End
:S+evalF(F,x,A)+evalF(F,x,B) → S
:S*(B-A)/(2*N) → S
:Disp "ANS=",S
```