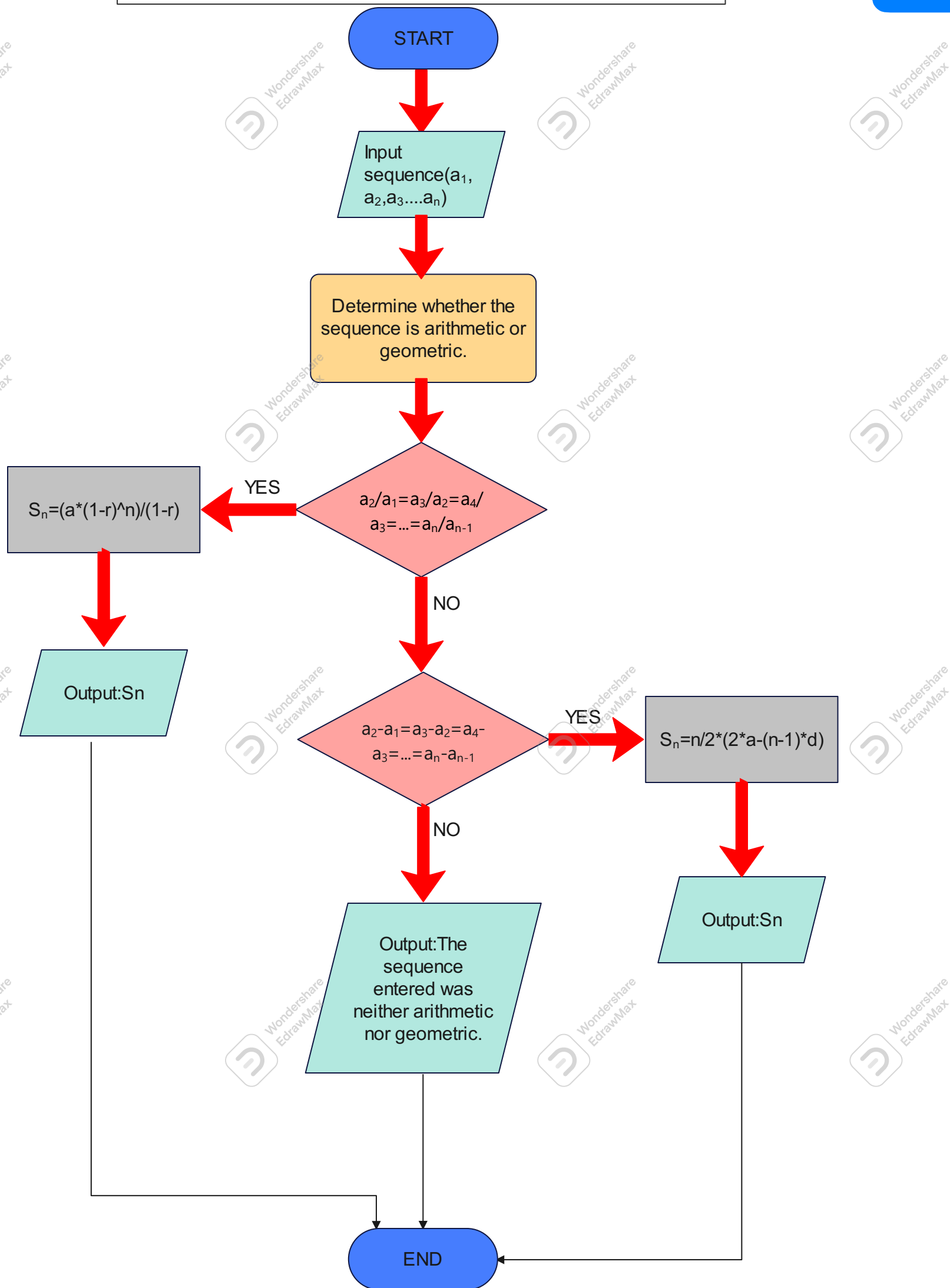


Calculating the sum of the sequence



```
INPUT sequence(a1,a2,a3....an)
IF a2/a1=a3/a2=a4/a3=...=an/an-1 THEN
    Sn=(a*(1-r)^n)/(1-r)
    PRINT Sn
ELSE IF a2-a1=a3-a2=a4-a3=...=an-an-1 THEN
    Sn=n/2*(2*a-(n-1)*d)
    PRINT Sn
ELSE PRINT 'The sequence entered was neither arithmetic nor geometric.'
END IF
```