$$
\begin{array}{lllllll}
S_n = & a & +(a+b) & +(a+2b) & +\ldots & +\left(a+(n-1)\,b\right) & +(a+nb) \\
S_n = & (a+nb) & +(a+(n-1)b) & +\ldots & +(a+2b) & +(a+b) & +a \\
==== & ===== & ===== & ===== & ===== & ==== & === \\
\text{sum} & & & & & & \\
==== & ===== & ===== & ===== & ===== & ==== & === \\
2*S_n = & (2a+nb) & +(2a+nb) & +(2a+nb) & +(2a+nb)\ldots & +(2a+nb) & +(2a+nb)
\end{array}
$$

$$2*S_n = (2a+b*n) * (n+1)$$

$$S_n(a,b) = \frac{(2a+b*n)*(n+1)}{2}$$

$$
\begin{array}{lllllll}
==== & ===== & ===== & ===== & ===== & ==== & === \\
\text{for example} & & & & & & \\
==== & ===== & ===== & ===== & ===== & ==== & === \\
S_n(0,1) = & 0 & +1 & +2 & +\ldots & +99 & +100
\end{array}
$$

$$S_n(0,1) = \frac{n*(n+1)}{2}$$