$$1 + 3 + 5 + 7 + \ldots + 999$$

$$1 + (n - 1) \times 2 = 999$$

$$n - 1 = \frac{999 - 1}{2}$$

$$n = 500$$

$$\sum_{k=1}^{500} (1 + (k - 1) \times 2) = 500 \left(\frac{1 + 999}{2} \right) = 250\,000$$