

Input = $\langle 2, 1, 3, 2, 2, 5, 4, 1 \rangle$

Partial Output = $(\langle 0, 3, 8, 15 \rangle, 20)$

Desired Output = $(\langle 0, 2, 3, 6, 8, 10, 15, 19 \rangle, 20)$

