

$$I \equiv x = \sum_{k=0}^i a^k \quad \wedge \quad i \geq 0 \quad \wedge \quad i \leq n$$

$$A \equiv WP[x = x + 1](I) \equiv x + 1 = \sum_{k=0}^i a^k \quad \wedge \quad i \geq 0$$

$$B \equiv WP[x = x * a](A) \equiv a x + 1 = \sum_{k=0}^i a^k \quad \wedge \quad i \geq 0$$

$$C \equiv WP[i = i + 1](B) \equiv$$

$$a x + 1 = \sum_{k=0}^{i+1} a^k \quad \wedge \quad i+1 \geq 0$$

$$\equiv x = \sum_{k=0}^i a^k \quad \wedge \quad i+1 \geq 0$$

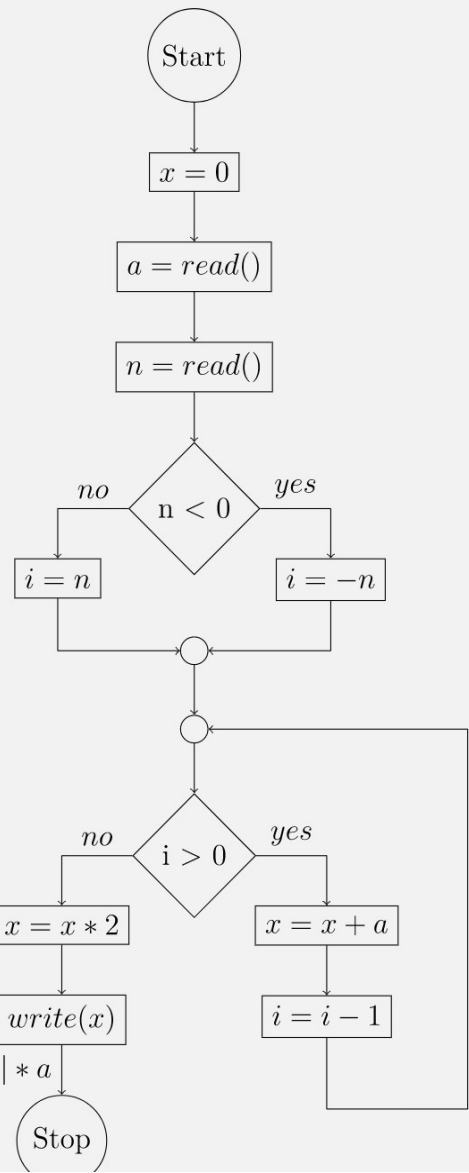
Prüfen auf LC

$$x = \sum_{k=0}^i a^k \quad \wedge \quad i \geq 0 \quad \wedge \quad i \neq n \quad \Rightarrow \quad x = \sum_{k=0}^i a^k \quad \wedge \quad i+1 \geq 0$$

gilt

$$X = \sum_{k=0}^i a^k \quad \wedge \quad i \geq 0 \quad \wedge \quad i = n \Rightarrow X = \sum_{k=0}^n a^k$$

gilt



$$Z \equiv x = 2 * |n| * a$$

