(minimum sum segment) Given a list of integers, possibly including negatives, write a program to find
(a) \( \sqrt{\text{the minimum sum of any segment (sublist of consecutive items).}} \)

(b) the segment (sublist of consecutive items) whose sum is minimum.

\[ \text{§ Let } m;..n \text{ be the segment ending at or before } i \text{ whose sum is minimum, and let } h;..i \text{ be the segment ending at } i \text{ whose sum is minimum. Then} \]
\[ m := 0. \ n := 0. \ s := 0. \ h := 0. \ c := 0. \]
\[ \text{for } i := 0; .. #L \]
\[ \text{do if } c + L_i \leq 0 \text{ then } c := c + L_i \text{ else } c := 0. \ h := i \text{ fi.} \]
\[ \text{if } s \leq c \text{ then ok else } s := c. \ m := h. \ n := i \text{ fi od} \]