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**Algorithm 1:** Confidence Level Estimation Algorithm

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**Result:** Confidence Level (High / Medium / Low)

// Following is the array of size N containing output of  
each frame for confidence.;

$Result \leftarrow [N];$

$ConfidencePercentage \leftarrow \frac{\text{Count of occurrences of confidence element in Result array}}{N} \times 100;$

**if**  $0 \leq ConfidencePercentage \leq 60$  **then**

    |  $ConfidenceLevel \leftarrow LOW$

**else**

    | **if**  $60 < ConfidencePercentage \leq 80$  **then**

        |  $ConfidenceLevel \leftarrow MEDIUM$

    | **else**

        |  $ConfidenceLevel \leftarrow HIGH$

    | **end**

**end**

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