

$$\lambda_{\text{ps}}[1] = 2$$
$$\text{lps}[3] = 5$$
$$\text{LPS}[6] = 3$$

```
len = lps[len - 1];
}
else if (len == 0)
{
    lps[i] = 0;
    i++;
}
```

Diagram illustrating an array structure with indices 0 through 6. The array is represented as a sequence of boxes containing 'X' marks, indicating elements. The first box contains three 'X' marks (indices 0, 1, 2). The second box contains one 'X' mark (index 3). The third box contains three 'X' marks (indices 4, 5, 6). A bracket underneath spans the entire range from index 0 to index 6.

$$\text{lbs}[len-1] = 3$$

These 2 boxes are equal

These 4 boxes are equal