

Segment tree	Fenwick tree
<ul style="list-style-type: none"> <li>• answers each query in <math>O(\log N)</math></li> <li>• preprocessing done in <math>O(N)</math></li> <li>• space complexity: <math>O(2N)</math></li> </ul>	<ul style="list-style-type: none"> <li>• answers each query in <math>O(\log N)</math></li> <li>• preprocessing done in <math>O(N \log N)</math></li> <li>• space complexity: <math>O(N)</math></li> </ul>
<ul style="list-style-type: none"> <li>• Pros: good time complexity.</li> <li>• Cons: larger amount of code compared to the other data structures.</li> </ul>	<ul style="list-style-type: none"> <li>• Pros: the shortest code, good time complexity</li> <li>• Cons: Fenwick tree can only be used for queries with <math>L=1</math>, so it is not applicable to many problems.</li> </ul>