```
CandidateKnots@n gives the sorted list of all irreducible planar minimal alternating knot diagrams with n crossings.
```

If $[k[-1]] \le i$, Do $[k[j;]] \cup \{\}$

p += (n - i)! - 1;

If[PlanarGraphQ@KnotGraph@# &&

Goto@1] &,

Goto@1];

MDT @@ k //

Label@1];

y]];

// If[# == Range[j, i] || # == Range[j, i] - 1,

 ${j, If[i = n \& n > 1, 2, 1], i}], {i, n};$

=== Minimal@#, AppendTo[y, #]] &;