1st search: violet

First	Last	Middle	Comparison
0	10	5	violet>green
6	10	8	violet > magenta
8	10	9	violet=violet

2nd search: green

First	Last	Middle	Comparison
0	10	5	green<indigo
0	5	2	green>charteuse
3	5	4	green=green

3rd search: yellow

First	Last	Middle	Comparison
0	10	5	yellow>green
6	10	8	yellow > magenta
8	10	9	yellow>violet
10	10	10	yellow=yellow