

Using the Binary Search Algorithm and trace table examples at the end of this document, complete the trace tables below for the Color Array. Upload this document to [github](#) and submit the link to your repository to the dropbox.

1st search: violet

First	Last	Middle	Comparison
0	10	5	Violet>Indigo
6	10	8	Violet > Red
9	10	9	Violet =Violet <b>Return True:</b>

2nd search: green

First	Last	Middle	Comparison
0	10	5	Green<Indigo
0	4	2	Green > Chartreuse
3	4	3	Green > Dark Brown
4	4	4	Green = Green <b>Return: True</b>

3rd search: yellow

First	Last	Middle	Comparison
0	10	5	Yellow> Indigo
6	10	8	Yellow > Red
9	10	9	Yellow > Violet
10	10	10	Yellow = Yellow <b>Return: True</b>

Color array: