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Advanced Algorithms

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6.10

A graph coloring application with text

Description automatically generated with medium confidence

1. 2 Colors- (a and b different color) A1, A2,A3, A4, 5,A6, B1,B2, B3, B4,B5,B6
2. 3 Colors – (a1, b1 same, a2-A6 same, b2-b6same) A1, B1,A2, A3, A4, A5, A6, B2, B3, B4,B5,B6
3. 4 Colors – (and so on in this pattern) A1, B1,A2, B2, A3, A4, A5, A6, B3, B4,B5,B6
4. 6 Colors – (again) : A1, B1,A2, B2, A3, B3, 4, B4, A5, B5, A6,B6