

**NPTEL**

**NPTEL ONLINE CERTIFICATION COURSE**

**Discrete Mathematics  
Graph Theory – 2**

**Recalling the India map problem**

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Remember how we started this chapter on graph theory, I gave you several problems and one of them was this problem about the Indian map,  
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if you were to color the states of our country, ensuring that no 2 adjacent states have the same color, what are the minimum number of colors that you would require?  
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