

TUTORIAL 3

- Suppose you want to go from city A to city B on a long highway. Once you fill your car tank to full capacity, it can travel D kilometres. There are several locations on the highway which have petrol pumps. Assume that there is a petrol pump at the start of the highway, and every stretch of length D on the highway has a location with a petrol pump. Given the location of these petrol pumps, devise a strategy for traveling from A to B so that you will have to make as few stops for filling petrol as possible.
- Chapter 4, problem 7 in textbook.
- Chapter 4, Problem 13 in textbook.