

Day 2 Brain Teasers

Batch I - Vikings

Time Limit: 30 Minutes

June 11, 2019

1 Puzzles

1. You have 15 Rs with you. You go to a shop and shopkeeper tells you that the price of 1 chocolate is 1 Rupee. He also tells you that you can get a chocolate in return of 3 wrappers. What is the maximum number of chocolates you can eat ?
2. You have 4 bottles of milk. One of them is poisonous while the other 3 are non-poisonous. There is a rat which dies exactly after 10 hours of drinking the poisoned bottle. You have a clock that measures time only in hours. Suggest an optimal strategy to identify the poisoned bottle within 24 hours.

Hint: The optimal strategy minimizes the number of hours required to find the poisoned bottle.