Sokrati – Coding Test

Question 1:
Given input file with the following set of strings,
Download input file: https://www.google.com/basepages/producttype/taxonomy.en-US.txt

Example:
Electronics
Electronics > Arcade Equipment
Electronics > Arcade Equipment > Basketball Arcade Games
Electronics > Arcade Equipment > Pinball Machine Accessories
Electronics > Arcade Equipment > Pinball Machines
Electronics > Arcade Equipment > Skee-Ball Machines
Electronics > Arcade Equipment > Video Game Arcade Cabinet Accessories
Electronics > Arcade Equipment > Video Game Arcade Cabinets
Electronics > Audio
Electronics > Audio > Audio Accessories
Electronics > Audio > Audio Accessories > Audio & Video Receiver Accessories
Electronics > Audio > Audio Accessories > Headphone & Headset Accessories
Electronics > Audio > Audio Accessories > Headphone & Headset Accessories > Headphone Cushions & Tips
Electronics > Audio > Audio Accessories > Karaoke System Accessories

write a function that stores this information.
Your data structure should be able to provide information as
Electronics = 14
Electronics > Arcade Equipment = 7
Electronics > Arcade Equipment > Video Game Arcade Cabinets = 1
Electronics > Arcade Equipment > Skee-Ball Machines = 1

Question 2:
Write code for the following: given a text file containing this information (Date the customer logged-in, Tab, Customer ID)
Example:
04/11/2017 \t 0003
04/12/2017 \t 0003
04/13/2017 \t 0004
04/13/2017 \t 0003
04/13/2017 \t 0003
04/15/2017 \t 0004

How to get the list of those customers that log in on four consecutive days?