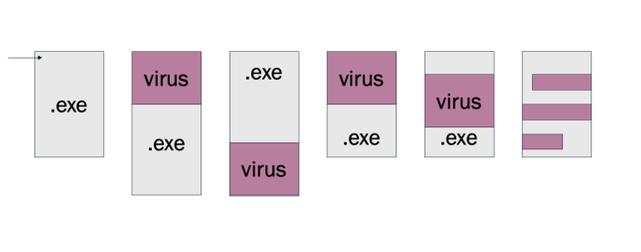


Question 1: Virus Infection Strategies What are the strengths and weaknesses (from attacker's point of view) of each virus infection strategy?



Empty box for student response.

Question 2: Designing Anti-Virus Software You are writing some AV software. Design the algorithm that checks whether a given file is infected. The only requirement is that there must be zero false negatives: every file that is infected will be recognized as such. Assume the functionality to iterate over every file in the system exists; your algorithm is given a file and must determine whether or not it is infected. Pseudo code and English comments are fine.

