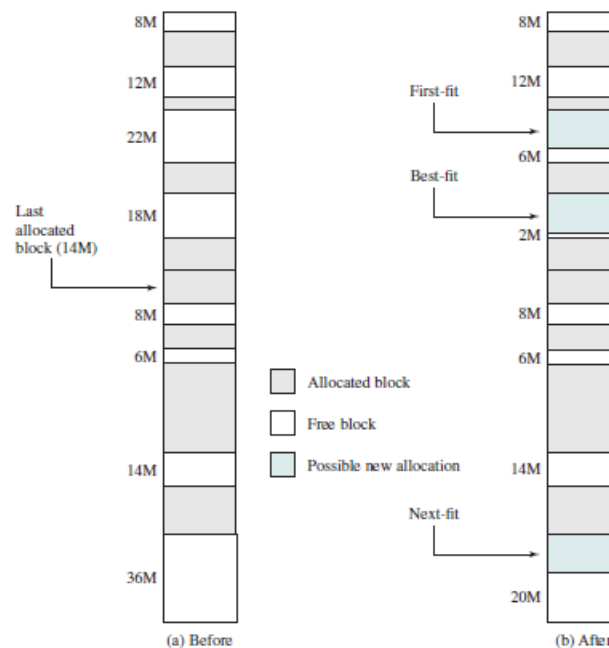1. **Compared with indexed allocation**, list at least one advantage and one disadvantage of chained allocation.

2. **Free Space Table** (FST) is used to manage unallocated blocks. Does FST uses up space that might have been available for files? Explain why. Provide an outline of a solution that will not have this issue.

3. Programs are often linked to be loaded at the same or overlapping memory addresses. What problem(s) it creates? Outline short a solution.

4. Explain what are **physical address**, **logical address and relative address**?

5. Using the Figure below, talk about the three placement strategies (First-fit, Best-fit, Next-fit). What are their respective advantages and drawbacks?

6. Consider situation when there is enough free memory to accommodate a single process, but no single free memory area is big enough for it. What can be done to load this process in the memory? What are drawback(s) of this solution?