Problem – 1

Contiguous allocation: Due to the fact that addresses are allocated contiguously it suffers from external fragmentation. It doesn’t support code sharing.

Segmentation: Segmentation suffers from external fragmentation. It does support code sharing at segment level, thus code and data shouldn’t be mixed in the same segment level.

Paging: Main memory is split to physical memory frames and the frame size remains same by providing optimum utilization of main memory to avoid external fragmentation. So, it doesn’t suffer from external fragmentation. It does support code sharing at page level, thus code and data shouldn’t be mixed in the same page.

Burak Yıldırım

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