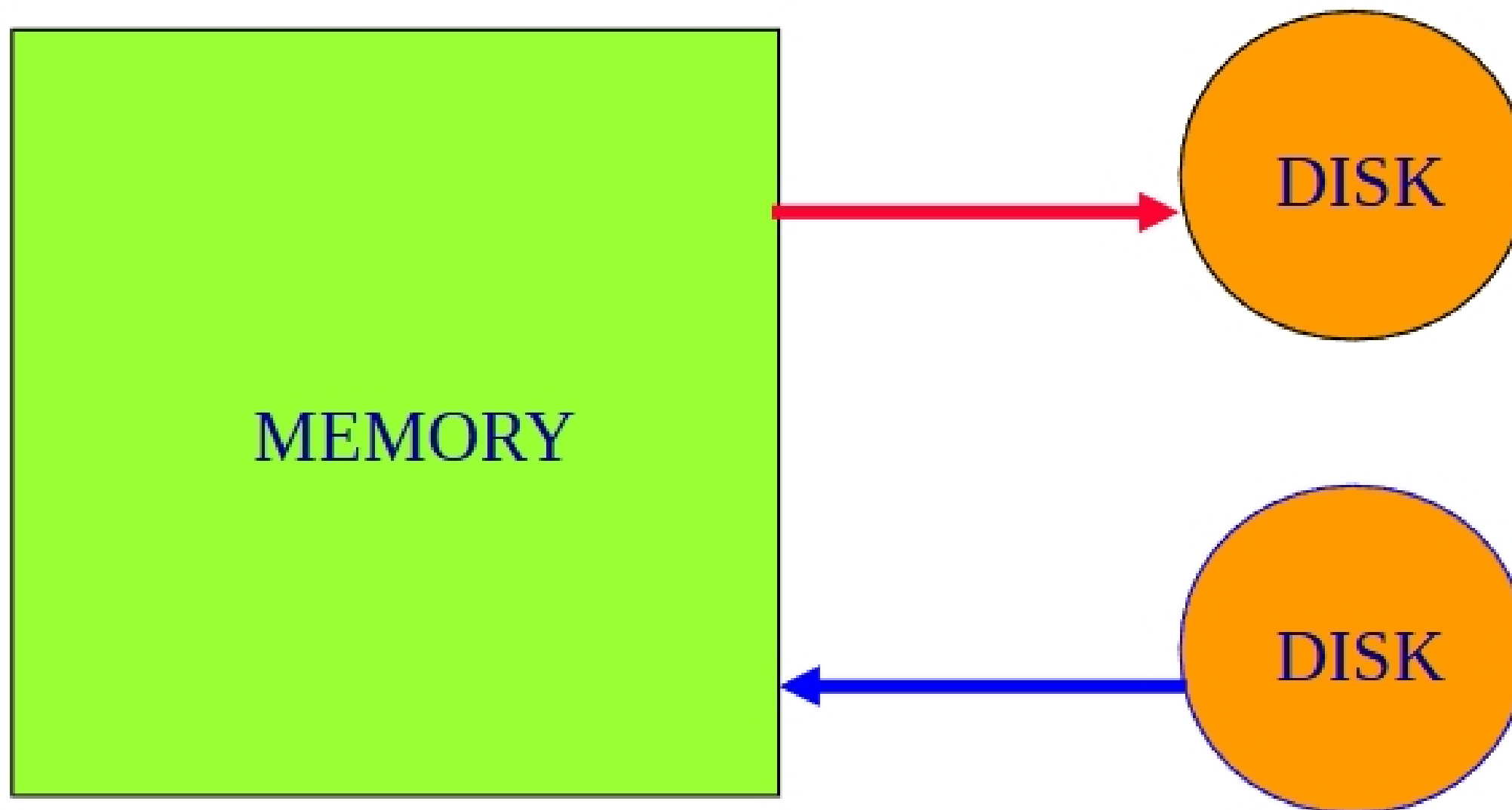


Improve Run Generation

- Overlap input, output, and internal CPU work.
- Reduce the number of runs (equivalently, increase average run length).



Internal Quick Sort

6	2	8	5	11	10	4	1	9	7	3
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Use 6 as the pivot (median of 3).

Input first, middle, and last blocks first.

In-place partitioning.

4	2	3	5	1	6	10	11	9	7	8
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Input blocks from the ends toward the middle.

Sort left and right groups recursively.

Can begin output as soon as left most block is ready.

Alternative Internal Sort Scheme

Partition into 3 areas, each may be more than 1 block in size.

