

A Zine by,  
M. Nimalan  
GitHub @ mark1626



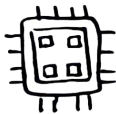
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# OpenMP

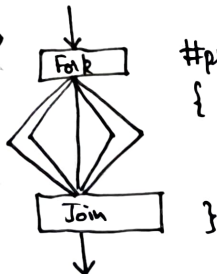
## Primer Zine

Part-1: Multi core

programming



### ① The Fork-Join Model

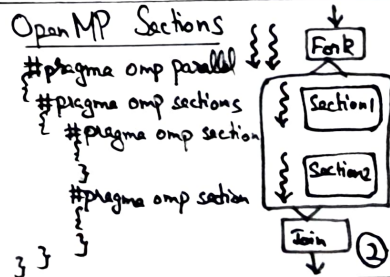


We compile with `-fopenmp` to enable OpenMP

By default no. of threads is equal to no. of cores



This can be set with the env  
`OMP_NUM_THREADS`  
#pragma omp parallel num\_threads(4)



Scheduling	Static Scheduling	Dynamic Scheduling	Schedule (static, 2)	Schedule (dynamic, 2)	Schedule (guided)
Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread
Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread	Work is evenly divided and given to each thread
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