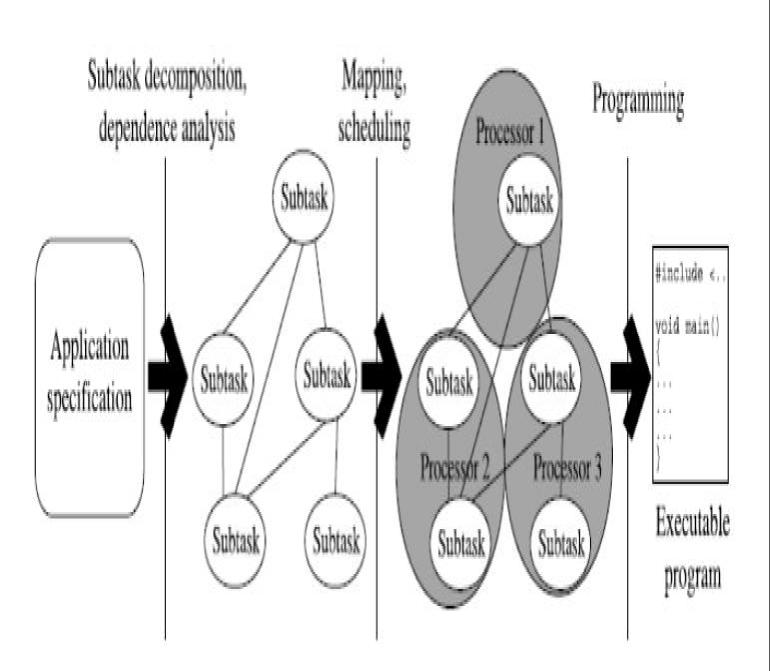
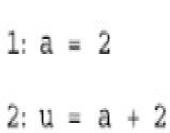
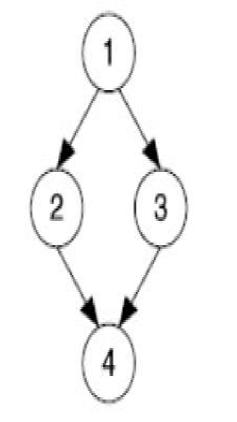
Parallel programming—process of parallelization



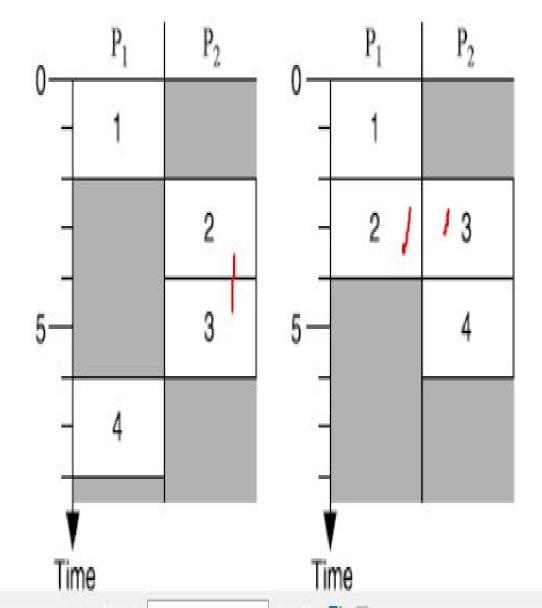


$$3: v = a * 7$$

$$4: x = u + v$$



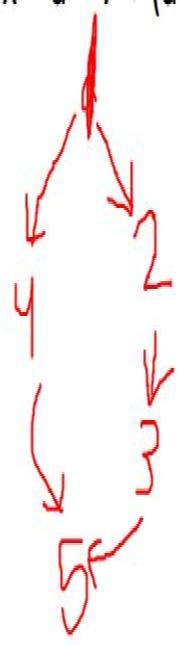
Example of task graph representing a small program segment.



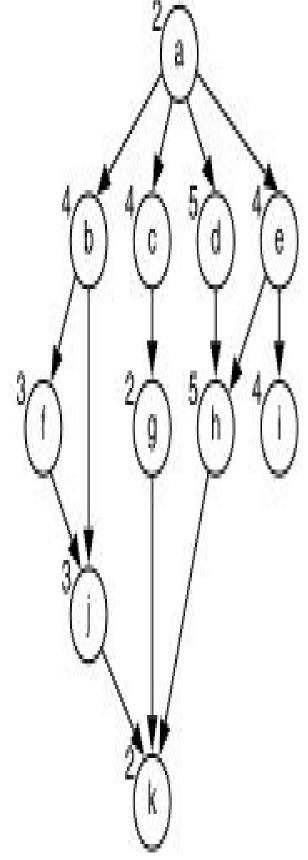


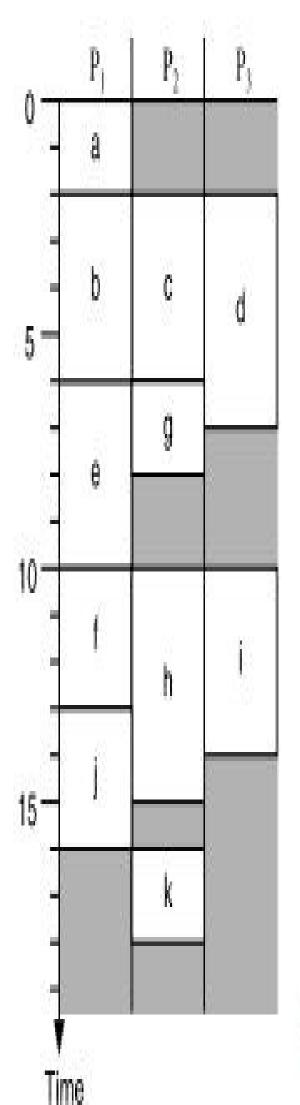
• Example 2 Program for x = a * 7 + (a * 5 + 2)

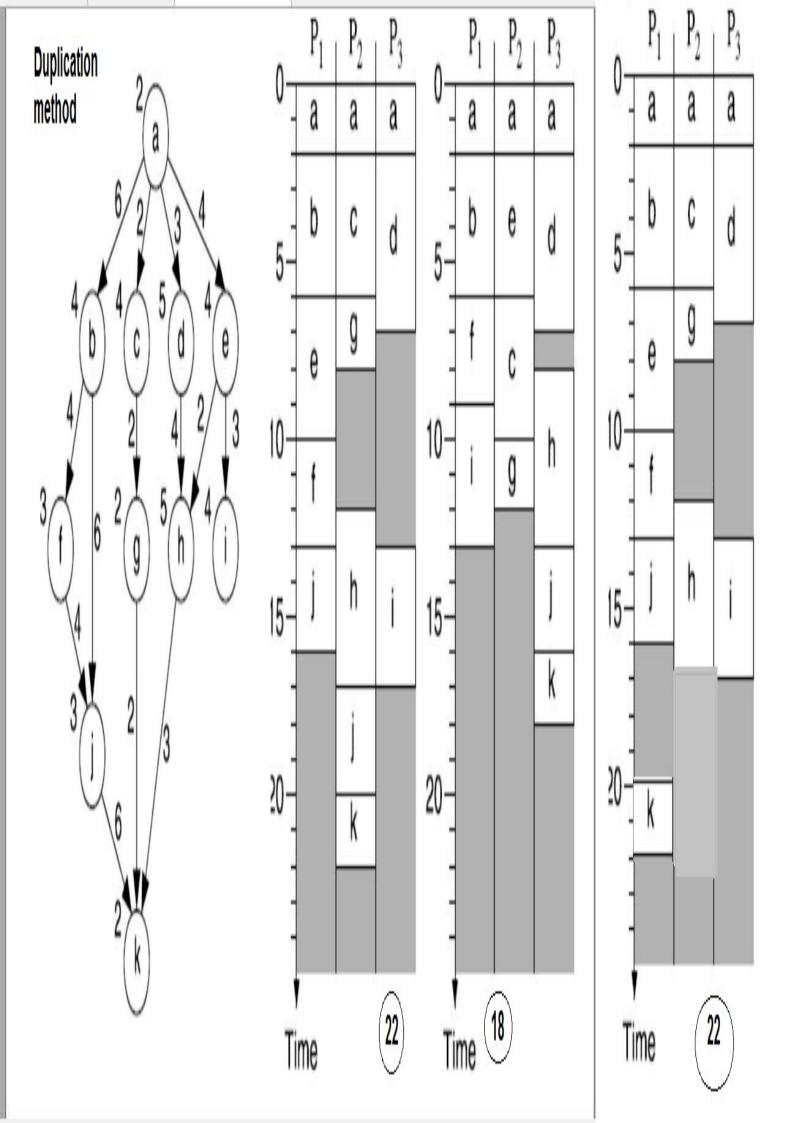
•
$$4: v = a * 7$$

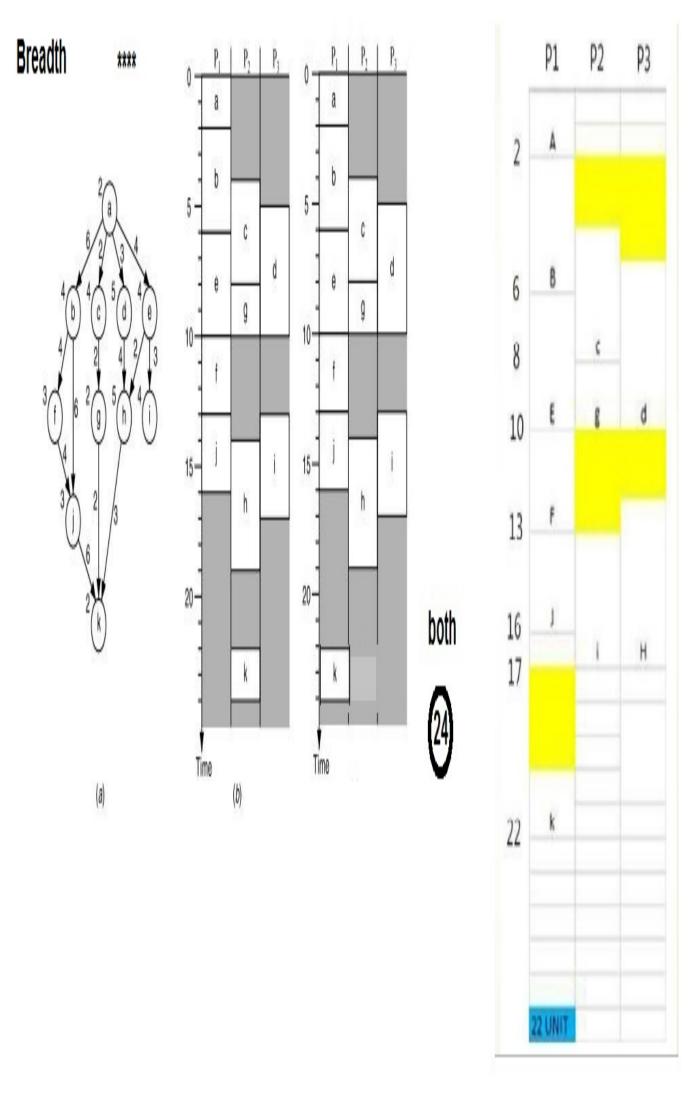


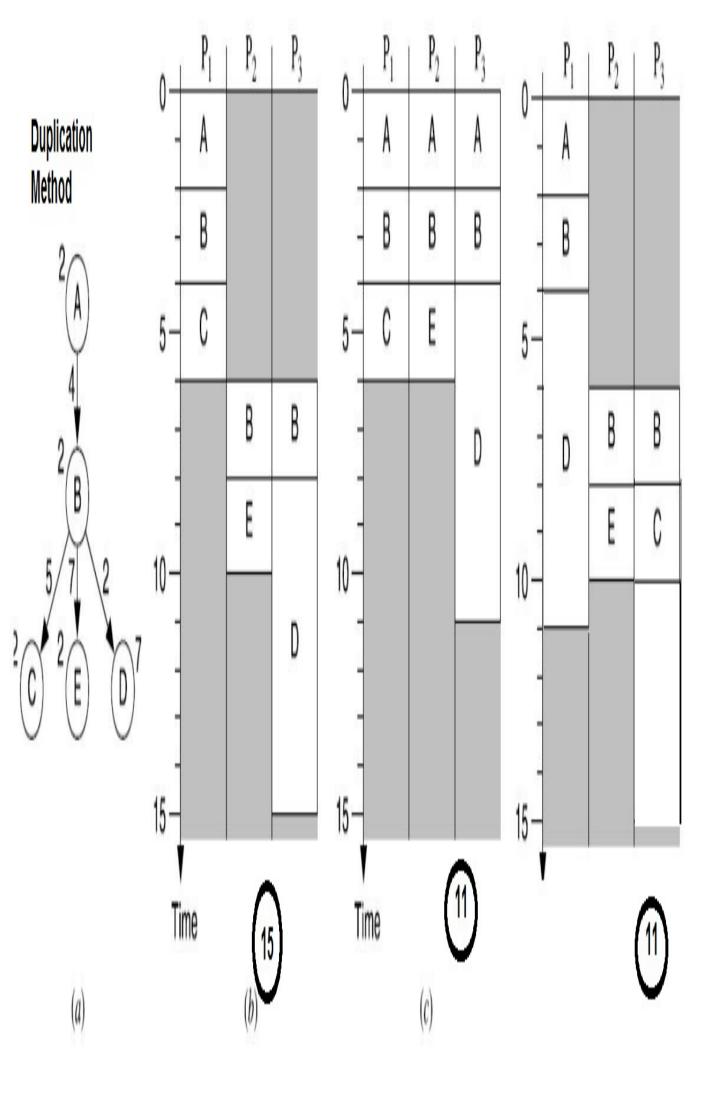
Without Communication cost











4- CLUSTRING

Clustering

 Different ways to cluster a task graph

