

King Saud University
College of Computer and Information Sciences
Department of Computer Science
CSC453 – Parallel Processing – Tutorial No 1 – Fall 2023

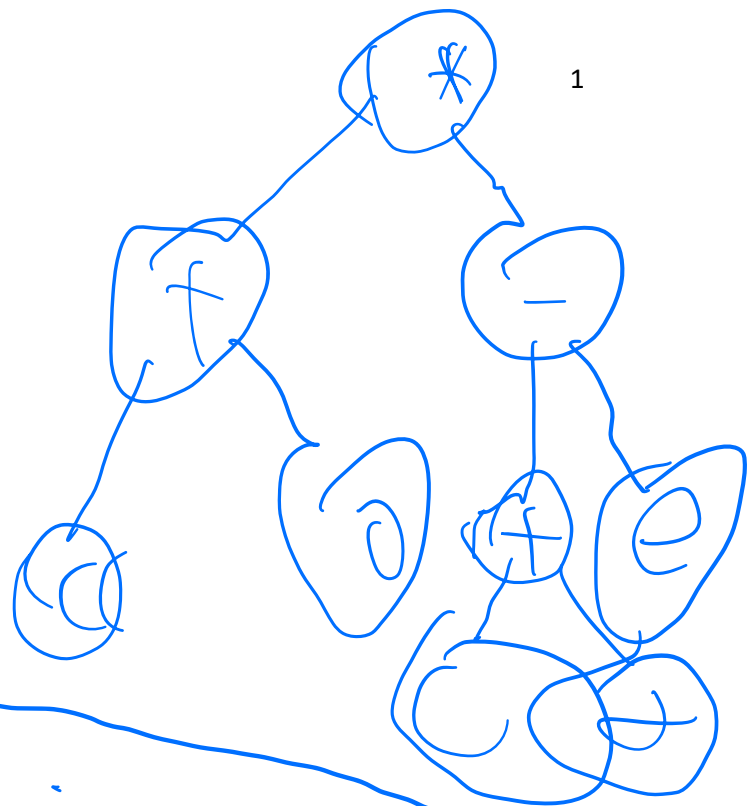
Question 1

- ✍ 1. Give the definition of Parallel computing and Parallel Programming
2. Enumerate and give a brief description of the main opportunities of parallelism.
3. Enumerate and give a brief description of the main aspects of parallel computing.
4. What are the main differences between Distributed and Parallel Computing.

is a form of computing
in which computation
can be accelerated

وهو شكل من أشكال
الحساب يمكن فيه تسريع
الوقت

ILP:



SQL: NC:

SAP:

ACL: cluster
Grid

int

DC: obj: incrementing ARR