COMPSYS304 Notes 2017

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1 Lecture 1

1.1 Improvements

- Semiconductor technology and computer architecture has increased lots in last 50 years
- Performance, which has also increased can be measured from standardised benchmarks
- Clock rate/frequency has also increased considerably in this time.

DBMS (Database Management System):
software package to store and manage databases

Database System : DBMS with database

DBMS and uses

- store large amounts of information
- code for queries
- protect from inconsistencies and crashes
- security
- concurrent access