Mindluster Platform

About the course Execution Unit of Computer Architecture

Execution Unit course in hindi, In this course we'll explore the Execution Unit, a critical component of the CPU responsible for performing arithmetic and logic operations.

Computer Science Category's Courses

Course Lesson(21)

Lesson 1 : **Why Computer prefers 2 s Complement in signed Data Representation**

Lesson 2 : **Signed Data Representation and Range of signed Numbers in Computer**

Lesson 3 : **1 Examples on Number Representation**

Lesson 4 : **2 Examples on Number Representation**

Lesson 5 : **Normalization of Floating Point Number**

Lesson 6 : **IEEE 754 Single Precision Floating Point Number Representation**

Lesson 7 : **IEEE 754 Double Precision Floating Point Number Representation**

Lesson 8 : **Extreme Cases of Floating Point Representation in IEEE 754 Format**

Lesson 9 : **1 Examples on Floating Point Numbers**

Lesson 10 : **2 Examples on Floating Point Numbers**

Lesson 11 : **3 Examples on Floating Point Numbers**

Lesson 12 : **Half Adder and Full Adder in Computer Architecture and Organization**

Lesson 13 : **Serial Adder or Ripple Carry Adder in Computer Architecture and Organization**

Lesson 14 : **Carry Look Ahead Adder CLA Parallel Adder**

Lesson 15 : **Subtractor in Computer Architecture and Organization**

Lesson 16 : **4 bits Adder Subtractor**

Lesson 17 : **1 Booth s Algorithm Example in Computer Organization Architecture**

Lesson 18 : **2 Booth s Algorithm Example in Computer Organization Architecture**

Lesson 19 : **Booth s Algorithm**

Lesson 20 : **Restoring Division Algorithm**

Lesson 21 : **Non Restoring Division Algorithm**

Related courses

Linear Algebra for Computer Scientists

Insertion Sort

Bubble Sort

GCSE Computer Science

Random Access Memory

Binary Trees



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