图示

描述已自动生成**Module 2: Boolean Arithmetic and the ALU**

Unit 2.4: Arithmetic Logic Unit (ALU)

1. The ALU computes a function on the two inputs,   
   and outputs the result

function f: one of the pre-defined arithmetic   
and logical functions

1. The Hack ALU (one of the specific ALU that we focus on)

* 图示

  描述已自动生成operate on two 16-bit, 2’s complement values
* set by six 1-bit inputs
* computes one out of a family of 18 functions
* outputs a 16-bit, 2’s complement value

and two 1-bit value

表格

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