## Homework 1

## Problem 1

What is digital circuit? What is analog circuit? Describe the pros and cons of them.

## Problem 2

Use logic operation(i.e. & &, ||, !) in HCL to represent the following statements:

```
a = b < c</li>
a = b + c
a = b == c
a = XOR(b,c)
```

a = MAX(b,c,d)

You are welcomed to send your solution to TAs via email (oucz14@fudan.edu.cn) before 23:59, Thu, Mar.16.