

## Hw4 report

(a) Cycle time:9ns

Recursive

Summary	
Clock cycle:	9.0 ns
Number of transistors:	6466
Total excution cycle:	2378
Correctness Score:	40.0
Performance Score:	138385332.0

(b) (c)Circuit Diagram

The whole module factor has three main parts, which handle the power of two, three, and five respectively.

I first use three LUT for each output, however, it will make the area become very large.