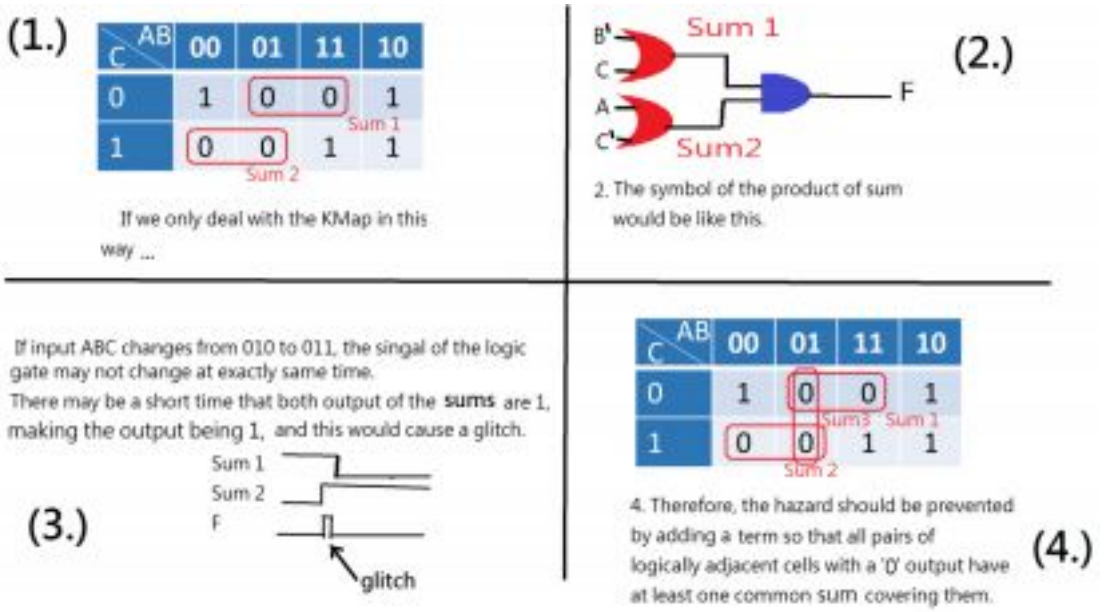
1. Description

This assignment is similar with assignment 1. In this homework, you will write a program to implement a (2 ~ 4-Variable) K Map simplification process. Finally, your program should show the Minimum **POS (Product of Sum)**, with the **prevention of static 0 hazard.**

Here is the detail of static 0 hazard:



2. Requirement

The format of the input file and output file is almost **same as the assignment 1.** That is, your program should be written in C, C++ or Java, and the input file of your program is **input_m.txt** and **input_d.txt**, and the output file is **output.txt**. More details can be found in last assignment.

The only two difference of the format is that

1. You don't have to show prime implicants and essential prime

implicants.

2. The function F(A,B,C,D) changes to **POS answer** (ex. (a+c')*(a'+c)) and the answer should prevent the static 0 hazard.