Input: input\_m.txt, input\_d.txt

**Output: output.txt** 



The following is the

input/output

format

example:

Variable

number Range:

2~4

Midterm value

index

Range: 0~15

(The existed index

stands for value 1)

Variable number

Range: 2~4

Don't care index

Range: 0~15

(The existed index

stands for value x)

The file names are fixed. DO NOT

change them.

Your program is expected to create

the file including



# ii. Kmap order ( here not the order from truth table to K map)

#### 1. 4 variable

CDAB	00	01	11	10	AB	00	01	11	10	
00	0	1	2	3	00	1	1	0	0	
01	4	5	6	7	01	×	1	×	0	
11	8	9	10	11	11	0	0	×	1	
10	12	13	14	15	10	0	0	×	1	Fig1. The

index of minterm Fig2. Example value of minterm

## 2. 3 variable

CAB	00	01	11	10
0	0	1	2	3
1	4	5	6	7

Fig3. The index of minterm

## 3. 2 variable

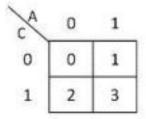


Fig4. The index of minterm

#### 4. Hint

You can reference the flow chart below to design your program.

