

B10915065 李昶勳 Project3

Case1_in.pla (6 variables):

```
.i 6
.o 1
.ilb a b c d e f
.ob f
.p 7
00-000 1
0-11-1 1
1-0111 1
010100 1
111100 -
100-00 1
-01-00 1
.e
```

Case1_out.pla (6variables result):

```
.i 6
.o 1
.ilb a b c d e f
.ob f
.p 6
-0-000 1
0-11-1 1
010100 1
10--00 1
1-0111 1
-01-00 1
.e
```

```
[B10915065@localhost project2]$ g++ Source.cpp
[B10915065@localhost project2]$ ./a.out case1_in.pla case1_out.pla
Total number of terms: 6
Total number of literals: 27
[B10915065@localhost project2]$
```

Report the number of terms and literals.

Case2_in.pla(4variables)

```
.i 4
.o 1
.ilb a b c d
.ob f
.p 8
0000 1
001- 1
01-1 1
100- 1
1010 1
1011 1
1111 -
1101 1
.e
```

Case2_out.pla(4variables result)

```
.i 4
.o 1
.ilb a b c d
.ob f
.p 4
-0-0 1
-1-1 1
-01- 1
10-- 1
.e
```

```
Total number of literals: 27
[B10915065@localhost project2]$ ./a.out case2_in.pla case2_out.pla
Total number of terms: 4
Total number of literals: 8
[B10915065@localhost project2]$
```

Report the number of terms and literals.

Case3_in.pla(5variables)

```
.i 5
.o 1
.ilb a b c d e
.ob f
.p 8
00000 1
001-1 1
01-11 1
100-0 -
1010- 1
10110 1
11110 -
11010 1
.e
```

Case3_out.pla(5variables result)

```
.i 5
.o 1
.ilb a b c d e
.ob f
.p 5
-0000 1
01-11 1
1--10 1
001-1 1
1010- 1
.e
```

```
Total number of literals: 8
[B10915065@localhost project2]$ ./a.out case3_in.pla case3_out.pla
Total number of terms: 5
Total number of literals: 19
[B10915065@localhost project2]$
```

Report the number of terms and literals.