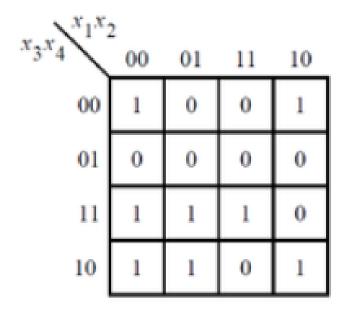
DAY-34 #100DAYSOFRTL

PROBLEM STATEMENT:--

1. Consider the function *f* shown in the Karnaugh map below.



```
Write your solution here

[Load a previous submission]  Load

| module top_module (
| input [4:1] x, |
| 3 output f |
| 4 );
| 5 |
| 6 assign f = (~x[1]&x[3])|(~x[2]&~x[4])|(x[2]&x[3]&x[4]);
| 7 |
| 8 endmodule |
| 9 |

| Submit | Submit (new window)
```

exams/2012_q1g — Compile and simulate

Running Quartus synthesis. <u>Show Quartus messages...</u> Running ModelSim simulation. <u>Show Modelsim messages...</u>

Status: Success!

You have solved 68 problems. <u>See my progress...</u>