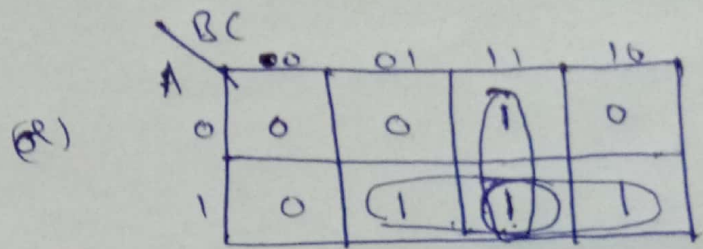


→ Let the 3 inputs be A, B, C, & Output be Y

Truth table (for the given i/p, o/p map)

A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	1
1	0	0	0
1	0	1	1
1	1	0	1
1	1	1	1

K-Map



→ Identifying the truth table / K-Map - (1 mark)

Realization with 4:1 Mux - (2 marks)

