Inputs				Selection lines		Expected output
X_0	X_1	X_2	X_3	C_1	C_0	M
0	0	0	0	0	0	0
0	1	0	0	0	1	1
1	0	1	0	1	0	1
1	1	1	1	1	1	1
0	1	1	0	1	0	1

If we take selection lines 0 0 the Expected output is 0 (which is equivalent to X_0)

for 0 1 the Expected output is 1 (equivalent to X_1)

for 1 0 the Expected output is 1 (equivalent to X_2)

for 1 1 the expected output is 1 (equivalent to X_3)

for 1 0 the expected output is 1 (equivalent to P_2)