E/16/200
Lakmali B.L.S.
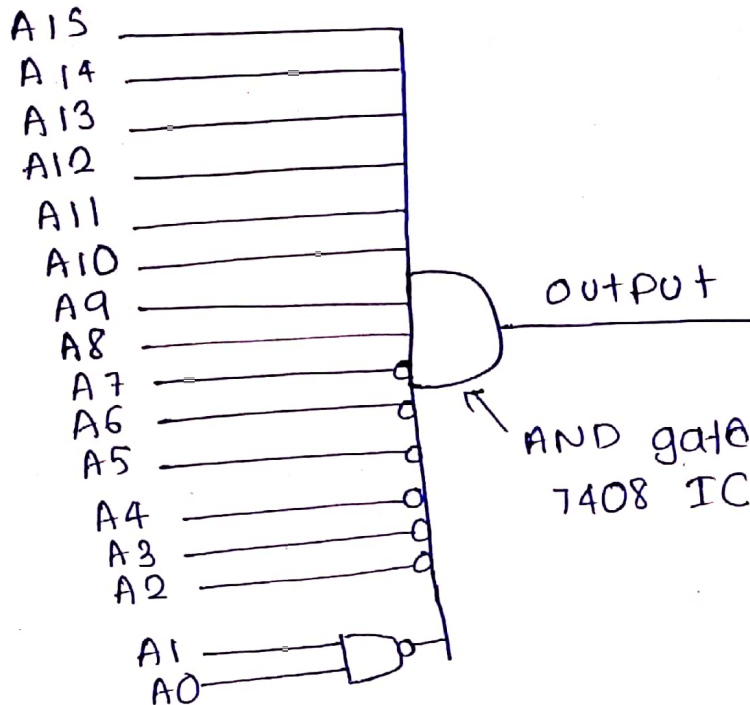
Given the address of the card is 0xFF00 and you need to address 3 registers. How do you develop your address decoder?

AI5
AI4
AI3
AI2
AII
AIO
A9
A8
A7
A6
A5
A4
A3
A2

output

AND gate
7408 IC

AI
AO

If the address is 0xFF00, 0xFF01, or 0xFF02, output is 1. At other times, output is 0.