

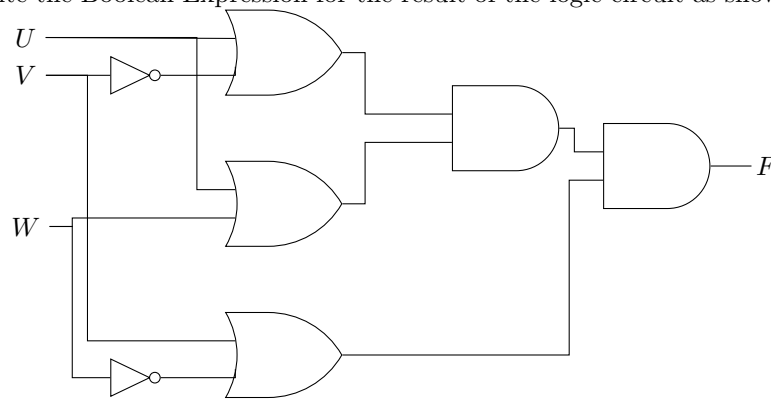
# Assignment 1 — FPGA Lab

EE22MTECH02005

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## 1 Question

Write the Boolean Expression for the result of the logic circuit as shown below:



## 2 Solution

$$F = (U + \bar{V}).(U + W).(V + \bar{W})$$