

EXPERIMENT NO.2

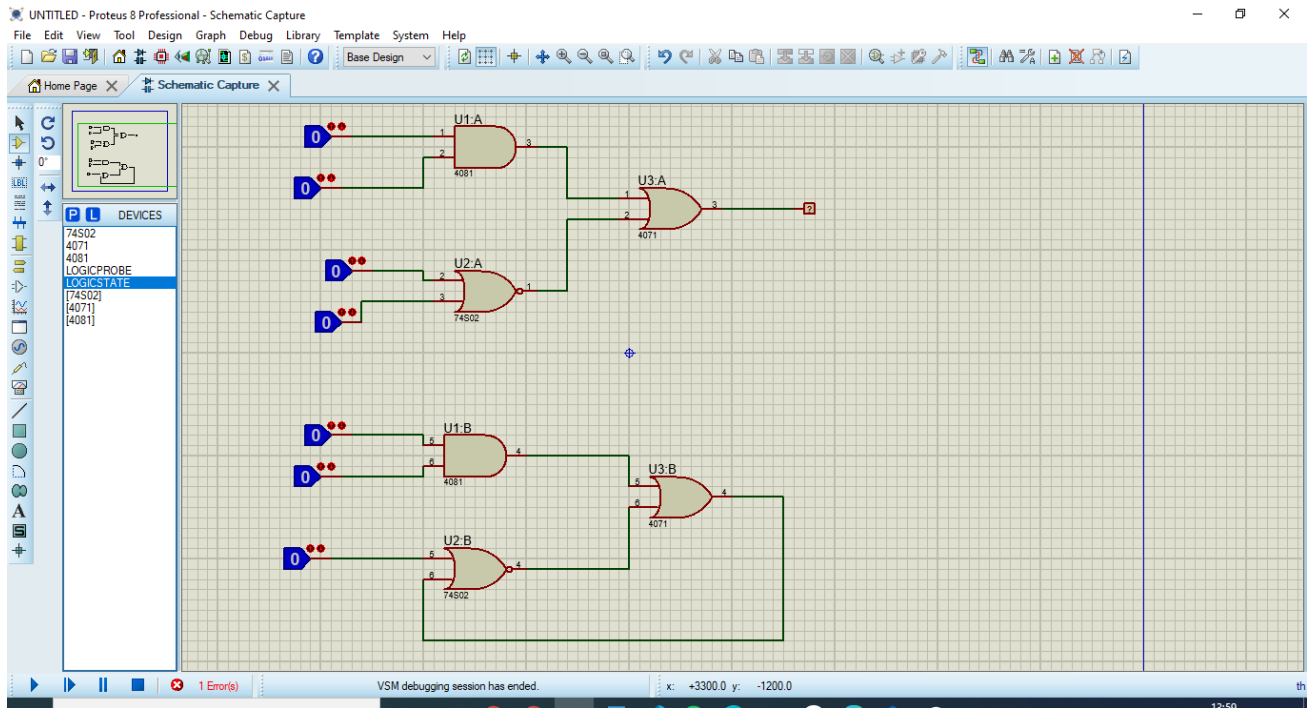
Title of experiment:To study combinational and sequential circuits

Equipments required: Proteus 8

Implementation

- 1)The AND gate(4081),OR gate(4071),NOR(74S02),XOR(4030), NOT gate,NAND(4011) are library devices used show the working of the data in Proteus 8 software.
- 2)Logicstate,logicprobe devices are used to fetch output of logic gates.
- 3)combinational circuits are determined solely by inputs
- 4)output determined by inputs and previous outputs

Snapshots



Conclusion

The sequential's outputs are determined by inputs and previous inputs as atleast one output is now available as input and combinational's outputs are dependent on inputs