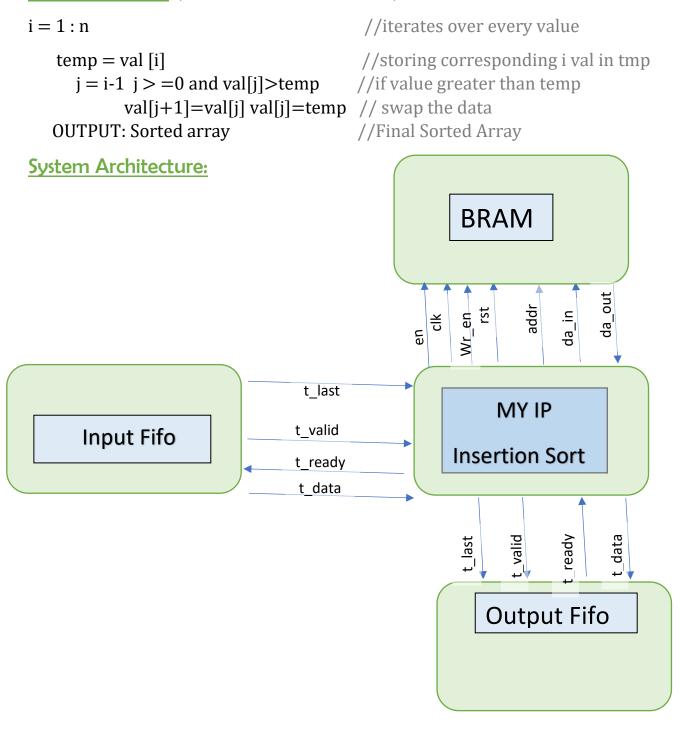
EHD PROJECT

TOPIC: INSERTION SORT

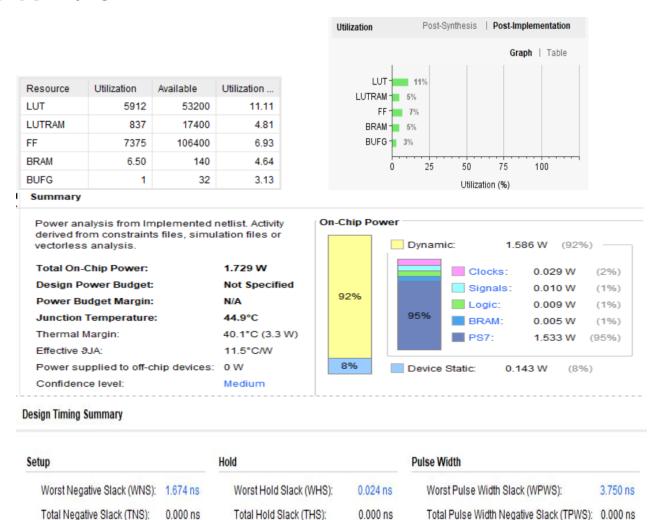
20171140(Sai Krishna charan Dara) 20171110(Sasi Kiran D)

Algorithm Used: ('n' numbers to be sorted)



- ➤ Initially send t_ready to I/p fifo (I am ready to accept data) collect data from fifo until t_last and store in BRAM by making write enable high.
- ➤ Our IP takes values from BRAM by making write enable low and do computation and puts value back in BRAM(wr_e=high).
- ➤ Finally make t_valid high and read the data from the BRAM and put in the O/P Fifo if it is ready until t_last signal is sent.

CLOCK:10 ns



Number of Failing Endpoints: 0

26176

Total Number of Endpoints:

Number of Failing Endpoints:

Total Number of Endpoints:

0

8932

All user specified timing constraints are met.

Number of Failing Endpoints: 0

Total Number of Endpoints: