

Ex

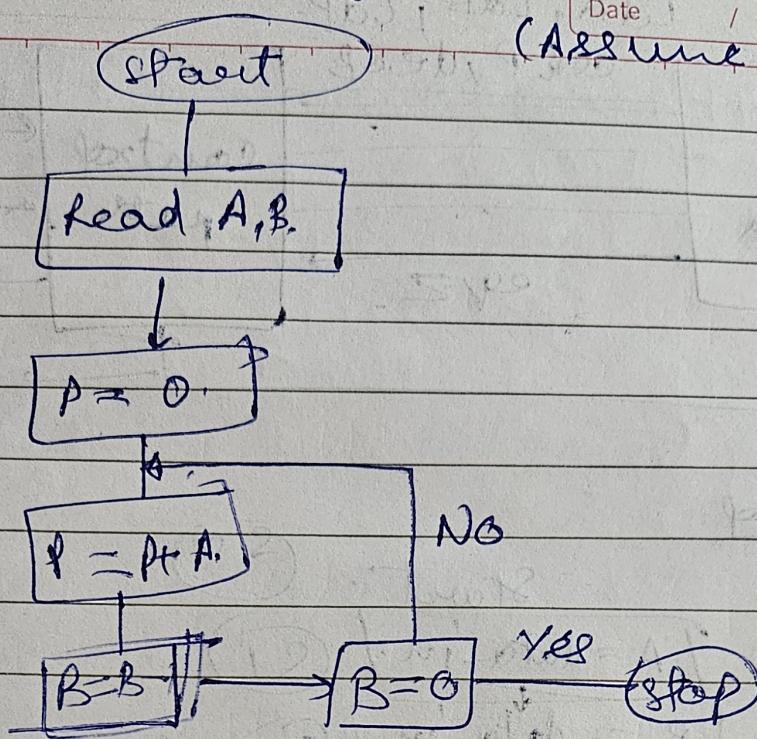
Multiplication by repeated addition.

SOPH

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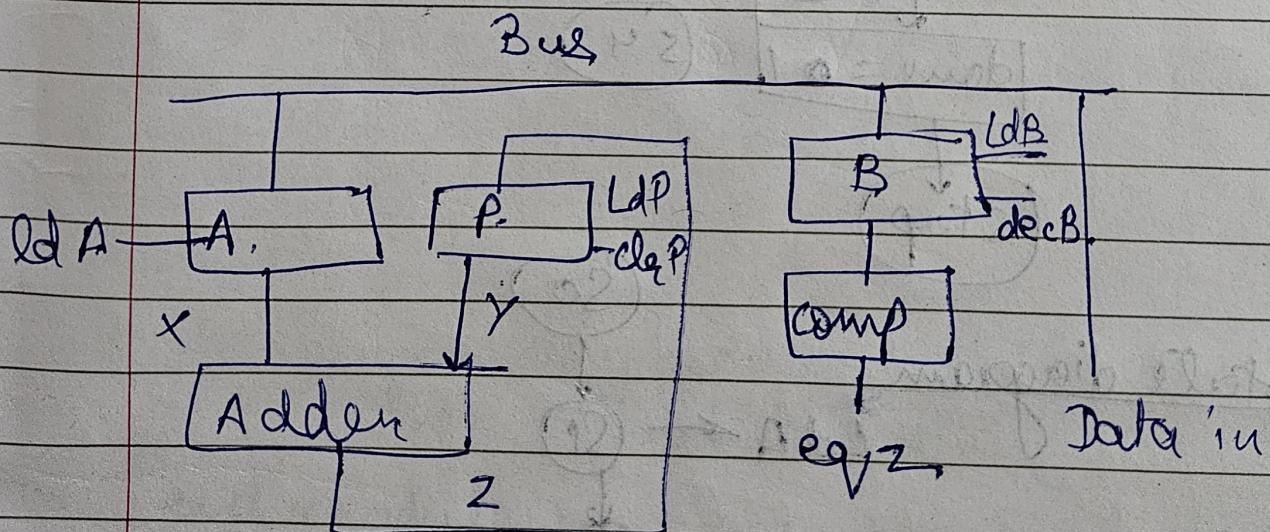
Date

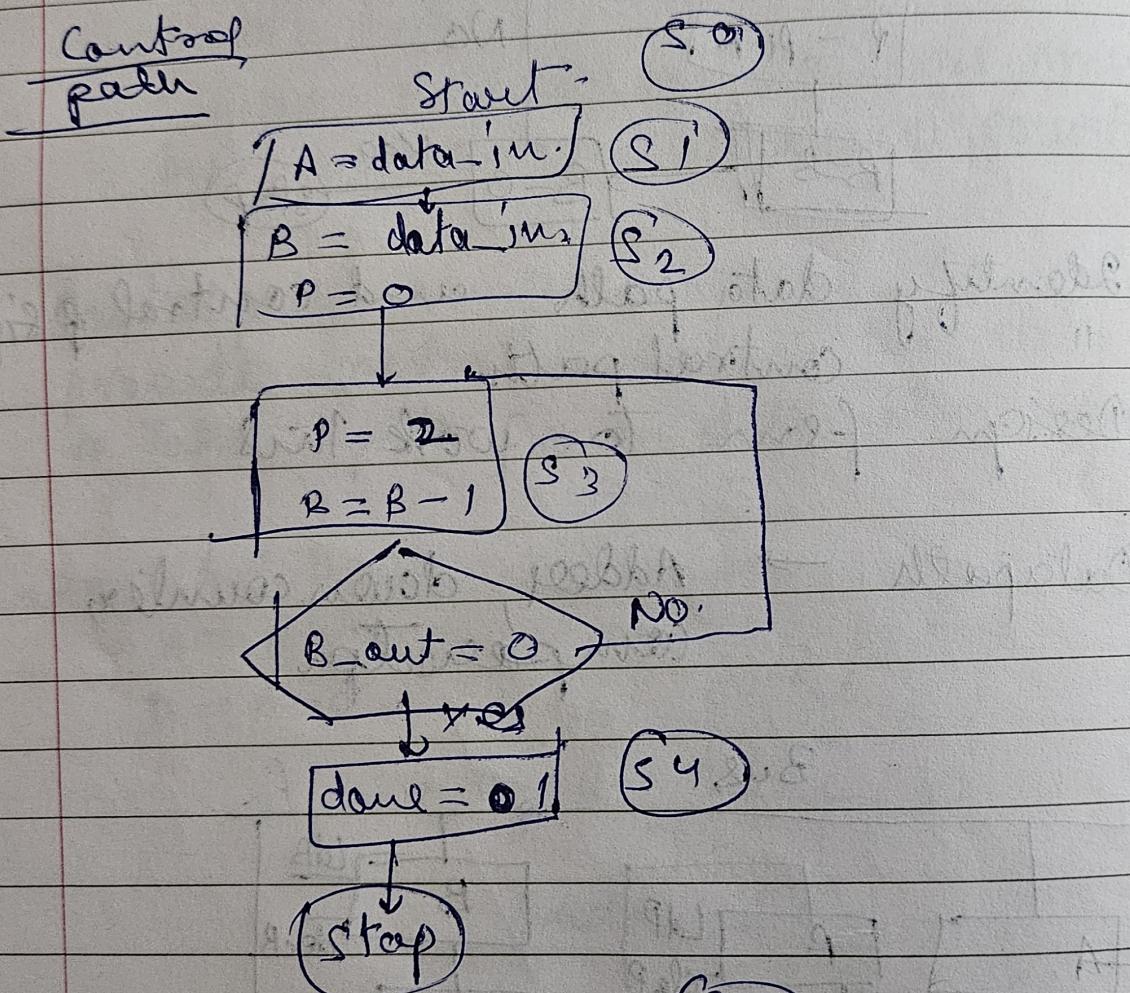
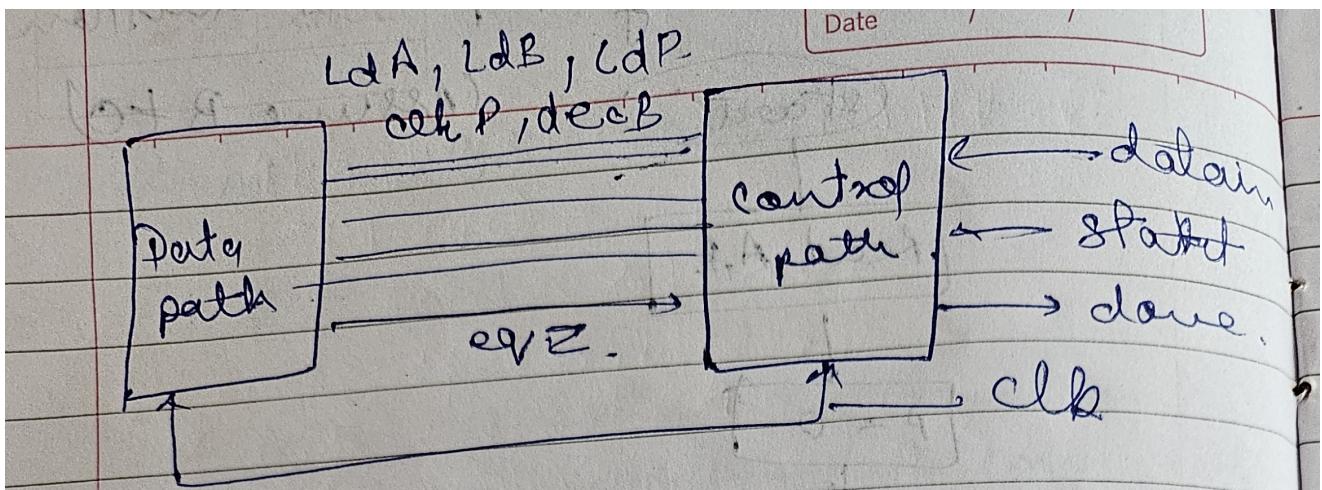
(Assume $B \neq 0$)



- S1 Identify data path and control P signal
S2 " control paths.
S3 Design fsm to work this

Data path \rightarrow Adder, down counter, comparator





State diagram

