-> AIM : Designing of Shipt Register SevialIN Sevial-out (SISO) Using CMOS Technology in Codence Virtuoso.

-) Introduction +.

Hip Hops can be used to store a single bit of binary data (1000). However, in orders to store multiple bits of data, we need multiple ellippops.

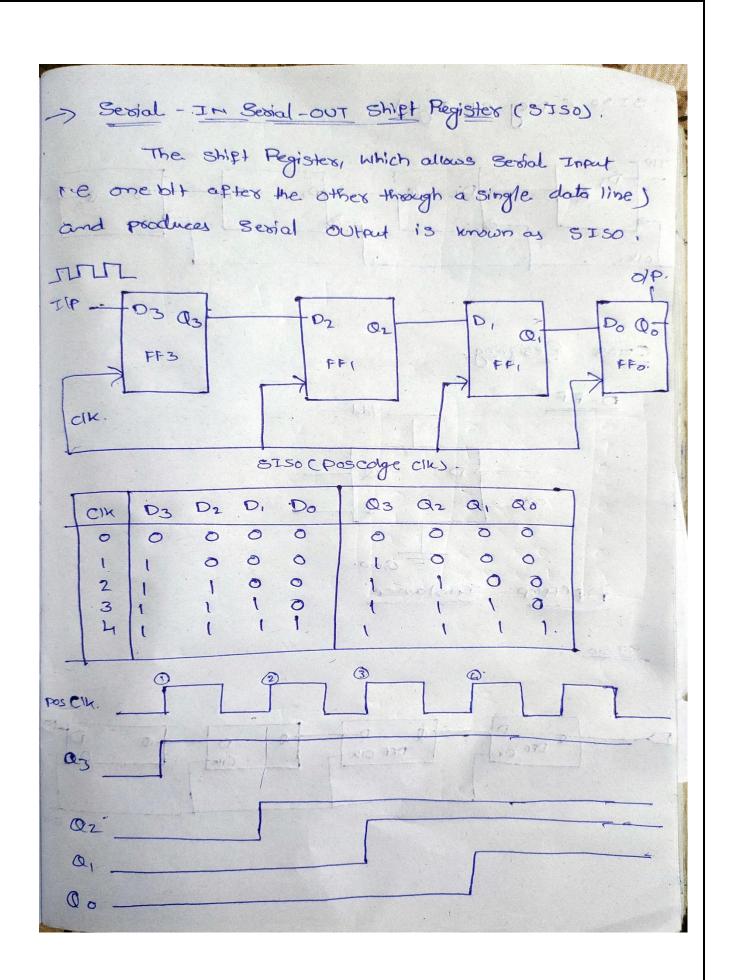
N Plipplops are to be connected in an order to store n-bits of data.

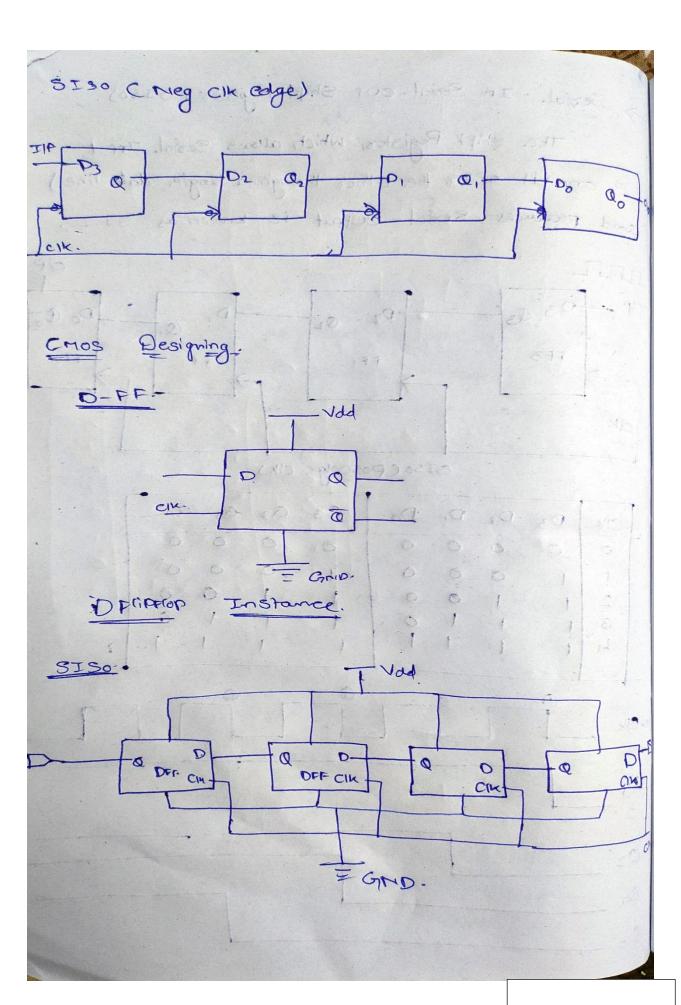
A Register is a device which is used to store such Importation: It is a group of plipplops connected in series used to store multiple data bits.

The Registers which will shipt the bits to left are called "Shipt Left Registers".

The Registers Which will shift the bits to Right onse called "Shift Right Registers".

- Shift registers over of 4 Types;
- I Sexial-IN Sexial-OUT. Shift Register (SISO).
- 2) Sexial-In parsallel-out shift Register (STPO).
- 3) Possablel-In Possablel-Out shift Regists (PIPO).
- 4) parallel-In Sexial-out shift Register (PISO).





- -> Leaving Outcomes +.
- * we have hearned about the implementation of SISO in CMOS Technology.
- + wooking of D- Phipphaps and Actual Junctionalities in Phipphaps.
- * Usage of Prios & Ninos as pull up & pull-down Networks: in Crios Technology.
 - * Implementation of SISO Using D-Phpflops. by give pos edge clu & neg edge clu.
 - * Left Shift SISO & Right Shift SISO abe also Implement

Schematics from cadence virtuoso

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