Lecture #9: Sequential Logic Idioms

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LFSR Applications

- LFSR's used to create pseudo-random bit sequences.
- Also, very small and compact synchronous counter.
 - Very fast
 - Why faster than binary?











Lab 5 Skeleton

- VGA Document at <u>http://xess.com/appnotes/vga.pdf</u>
 - Fair game for midterm #2
- Look at in Xilinx and demo it
 - VGA Sync module
 - Character ROM
 - Registered inputs (but really should register outputs)