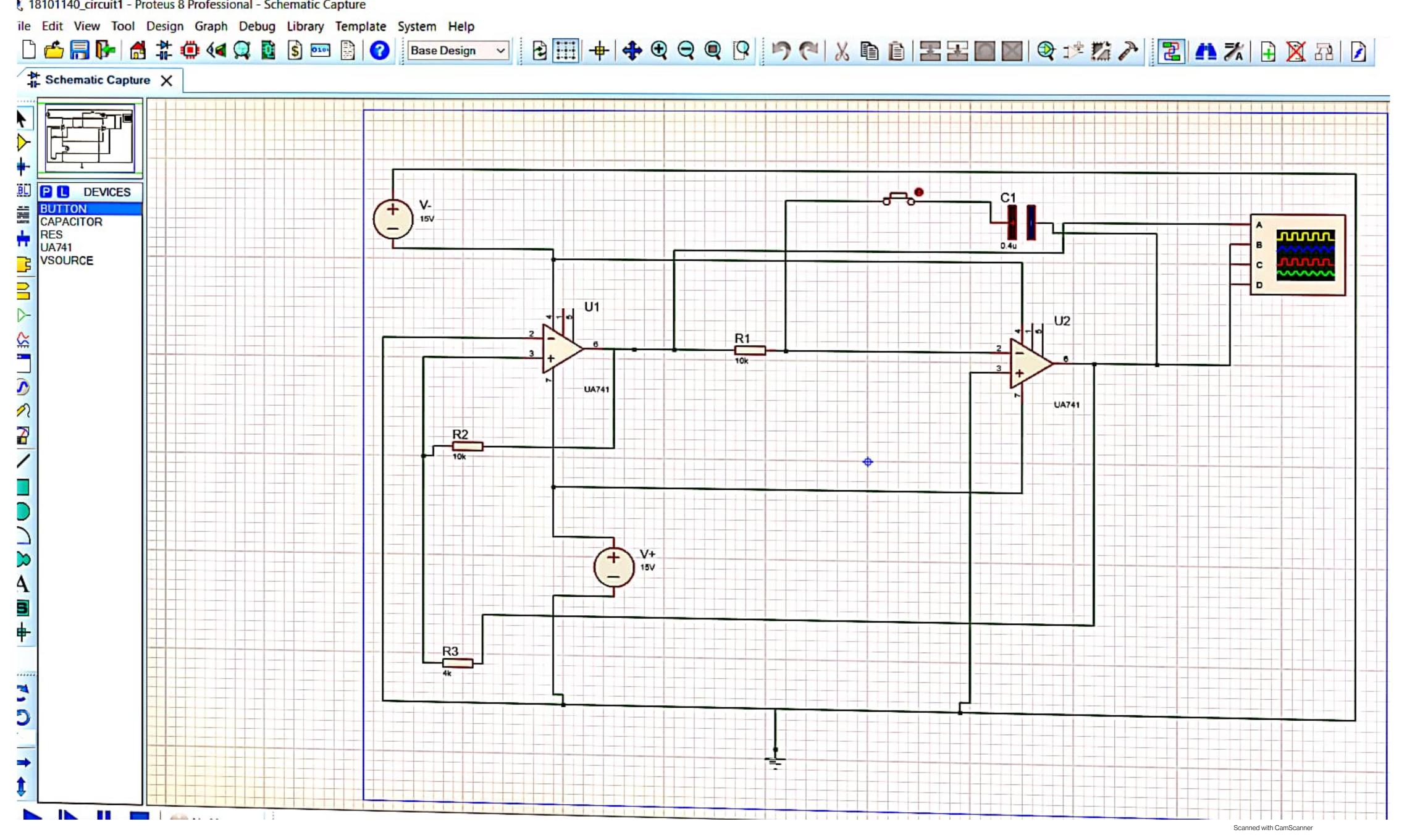
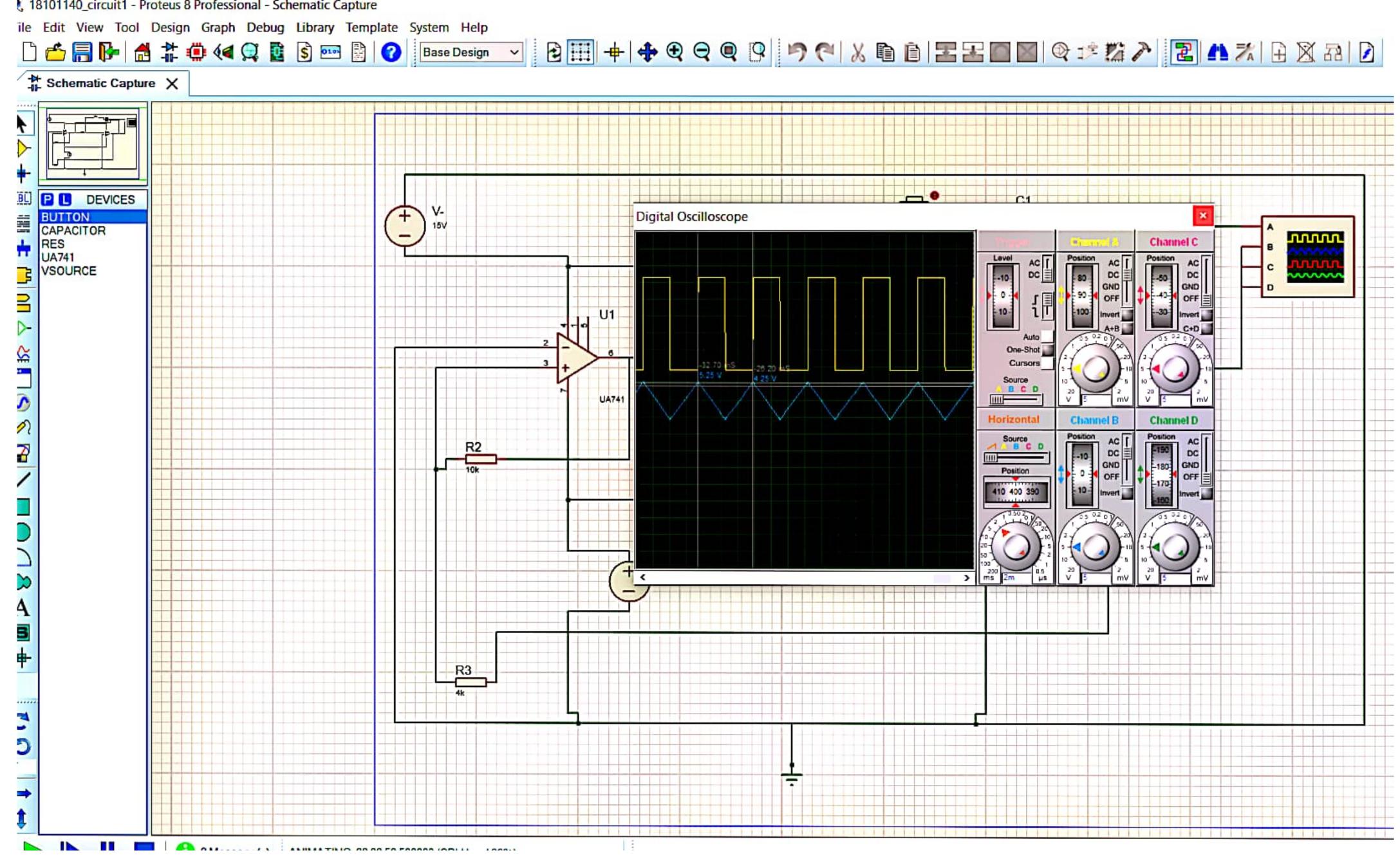


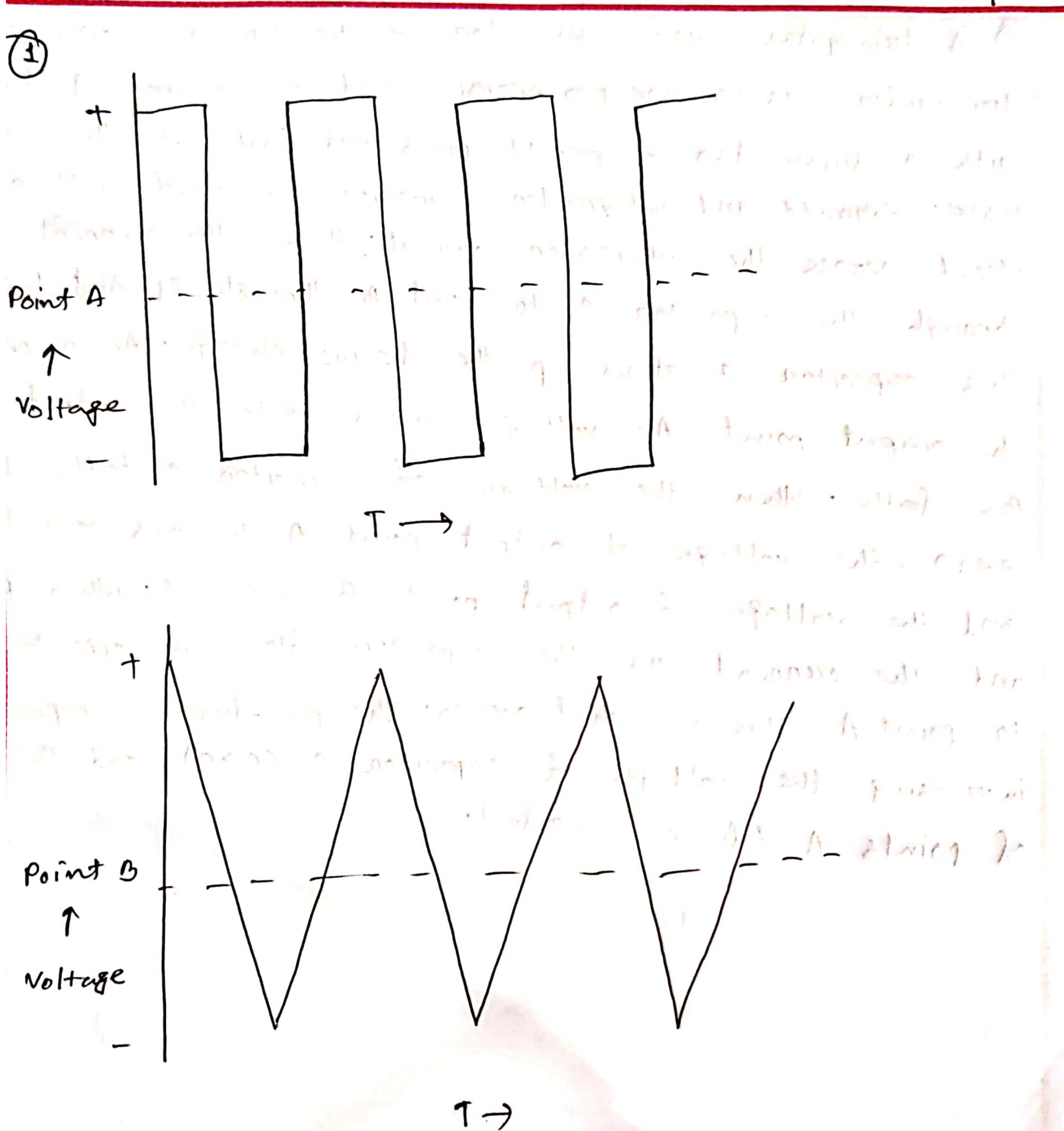
Lab Assignment 05

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Section	01
Course Code	CSE350
Course Title	Digital Electronics and Pulse Techniques





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1 A triangular wave generator is the circuit shown above-Triangular waves are periodic and non-sinusoidal form with a triangular shape. It rises and falls at the same nater schmitt and integnation cincuits are used, with a capaciton placed across the integration cincuit. Here, the current flows through the capacitors c to point & through R1 and due to this expection c stones up the electric charge. As a result, the output point A's voltage rises while the output point B's falls. When the voltage of capaciton c falls below zero, the voltage of output point A becomes negative and the voltage of output point B increases. When R2 > R3 and the current via the corpacitor flows in apposite direction to point A, this is what occurs. The procedure is repeated after increasing the voltage of capaciton c (c>0), and the outputs of points A & bare generated.

Sound Hossain Radi 18101140

(3) No, an induction can't be used in the integretor cincuit. The largest and heaviest components are inductors. Inductance, once again, causes a lag during operation, nequining a lengthy time to established the current value in the inductor. As a nesult, an inductor can not be used in an integnation cincuit.

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