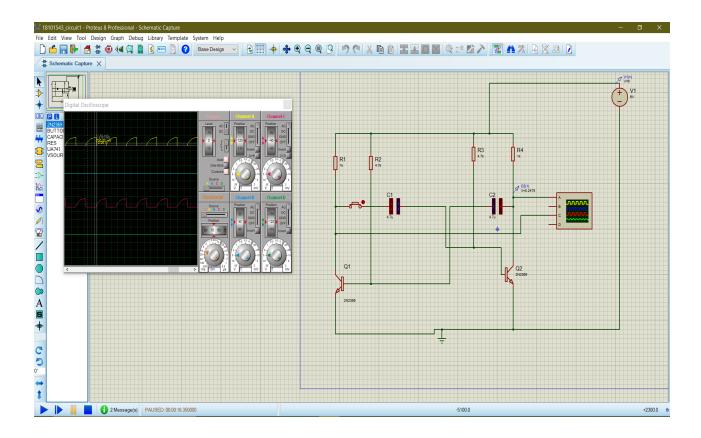


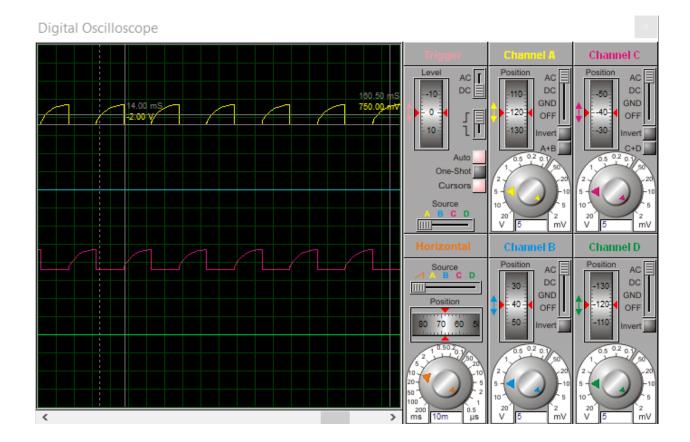
CSE350, LAB06

Submitted by:

Simon Biswas, Id:18101543 Section: 04.



ID-18101543 Ans- to the ares no. g - 01 yes margola greaterly 43ms the dearest wave According to avery it expandered of were grand as nell is a party of their DANK HELL BURNER 1.28 (1.2×1030) # (1.2×10eliber tore pro and popular pico



Ans . to the Ques . 10 - 8 - 02

I to can see from a transportable output that outputs was are not fully wave shaped. Bepause, experitors don't charge full suddenly. They are charged greadually. So, greadual charges can be seen in outputs. So, I can see deviation in experimental output were & shape from the desirated wave.

Arra. to the anes. no. 3-003

According to theory if inpacitors c, and co we game as well as R2=R3 than time poriod T = 1'38 * R*C

= 1.38 + (4.7×103-0) + (4.7×10-6+)

= 0.0304845 = [30.484m5]

from our exposimental output wave we took 2 points to measure fine period point A = 14 ms, point B = 43 ms

so, time pould=143-14) = 25 ms |

so, we can see experimental wave is

three period is not exactly same as
experimental work but they are quite similar.

Ans, to the awes no. 3-04

Yes, it is possible to orneate a variable frequency square wave generator using the given multivibroator. A linear amplifier, a clipping circuit and a c-R differentiating network, connected in regenerative mode, produce discontinuous oscillations, such a circuit can be successfully used for generating square waves of frequency varying over a fairly wide range.

Am. to the avea, no. 3-05

We know, duty circle = 1 × 100% where

t = time period

l= high time (on time of the word)

Here in our experiment ti=to as capacitors e, Ro are game and resistons Rooms, are same and resistons Rooms, are same. If we change the value of Romand and Root Rooms are well on citele than we can change the duty circle