

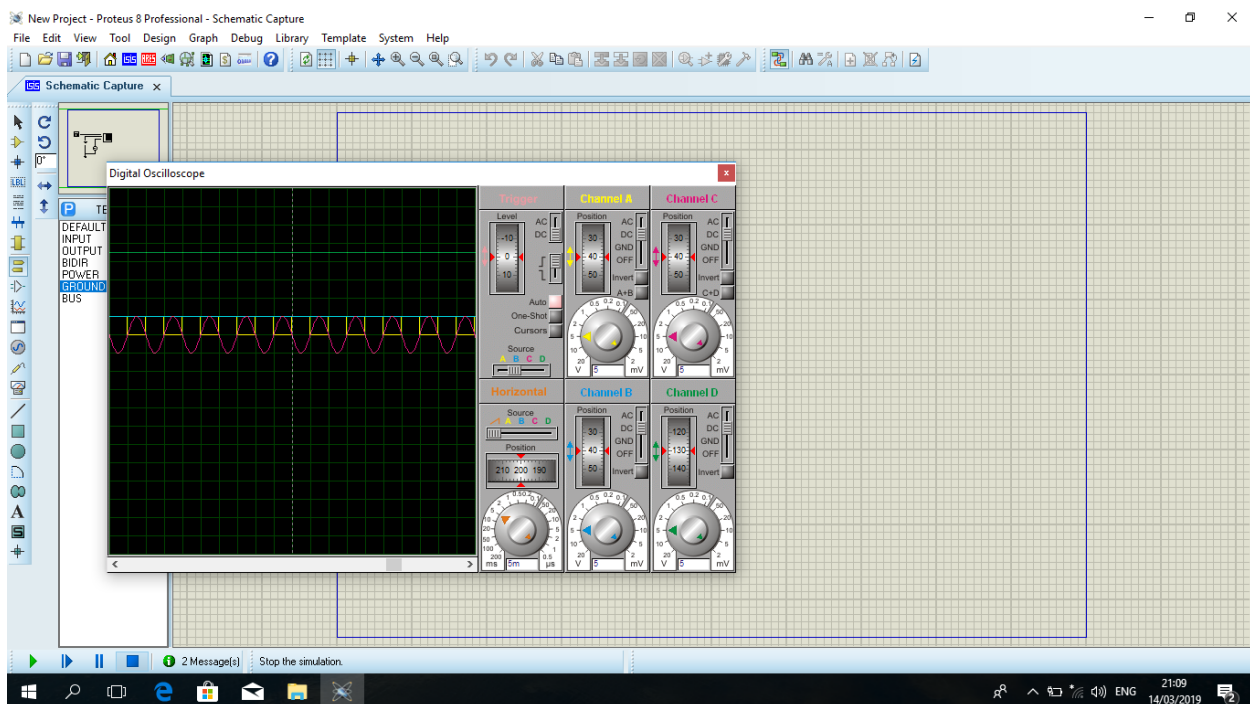
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Practice 1

This is the output of number 1

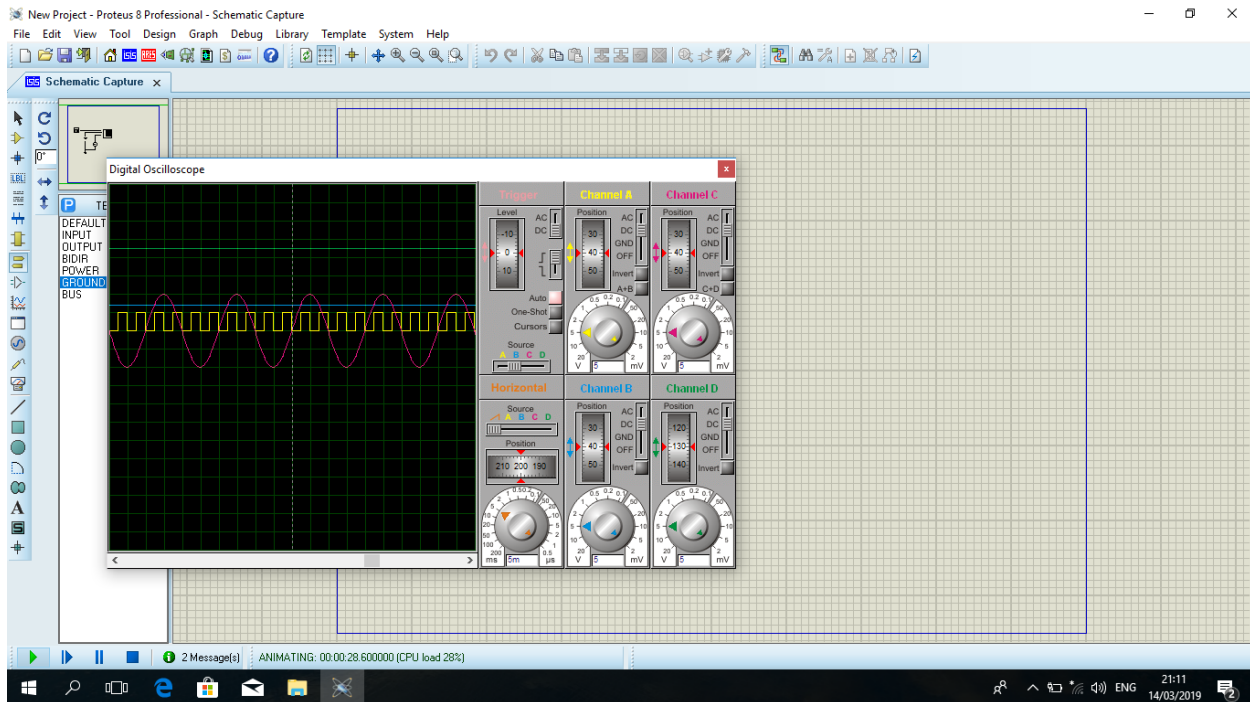


$V_{pp}/div = 5V$

$Time/div = 5M$

Channel A is clock , the shape of channel A is square . it is analog signal, channel B is cell , the shape of channel B is line, it is digital signal. Channel c is warped, it is analog signal.

The output of number 2 is



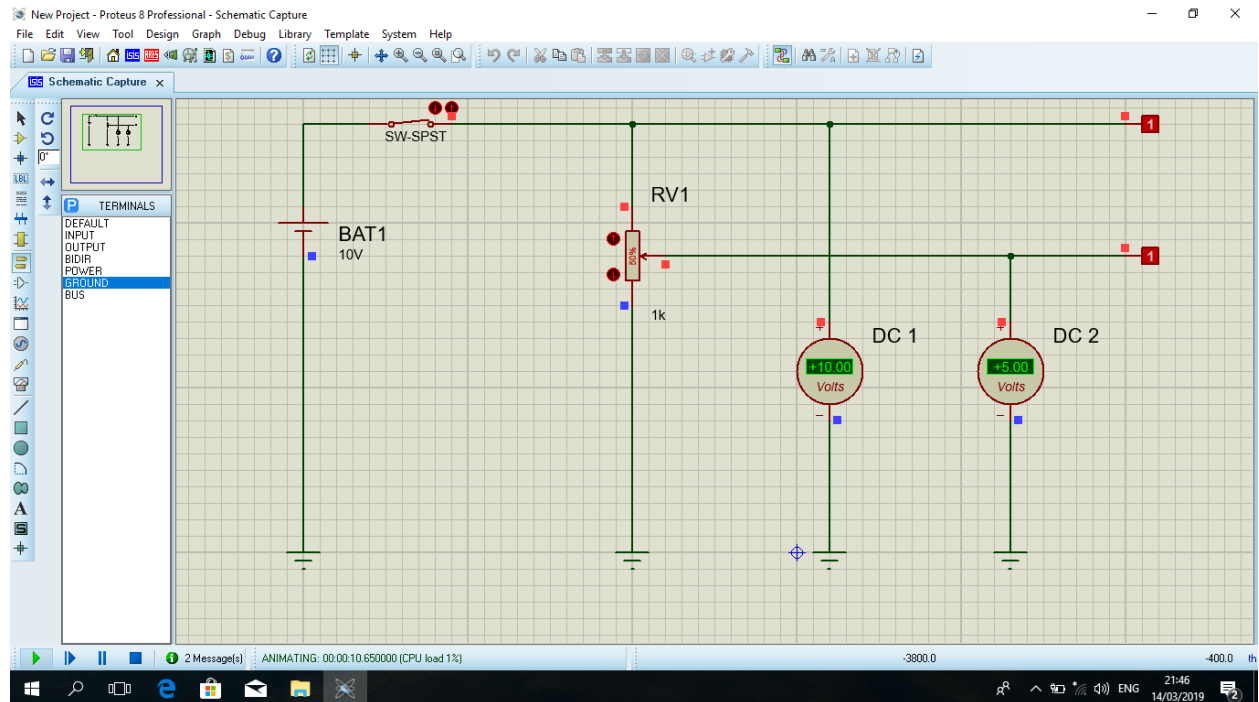
$V_{pp}/div = 5v$

$Time/div = 5m$

- What is difference between analog signals and digital signals? Analog signal is represented by the sine waves whereas, the digital signal is represented by square waves.
- What kind of signal from these components?
 - signal of Alternator : analog.
 - signal of Battery : analog.
 - signal of Clock : digital.

Practice 2

This is output of practice 2



Answer the question

- a. Voltmeter DC 1 : +10.00 Volt.
- b. Voltmeter DC 2 : +5.00 Volt.
- c. Logicprobe 1 shows the logic condition : 1
- d. Logicprobe 2 shows the logic condition : 1

2. set the RV1 (variable resistor / POT-HG) component up and down! Then fill in the blanks below!

- a. logicprobe 2 shows the logic condition 1(High),
if Voltmeter DC 2 : + 5.00 V to + 10.00 V .
- b . logicprobe 2 shows the logic condition 0 (low),
if Voltmeter DC 2 : 0 V to +2.00 V .