Homework 4

D-Flip Flop

Divied by two

Simulation Waveform Editor - C:/altera/13.0sp1/2021510010_cagri_aydin_hw4_pt1 - 2021510010_cagri_aydin_hw4_pt1 - [Waveform9.vwf]

File Edit View Simulation Help

Search altera.com

Simulation Waveform Editor - [2021510010_cagri_aydin_hw4_pt1.sim.vwf (Read-Only)]

File Edit View Simulation Help

Search altera.com

Master Time Bar: 0 ps | Pointer: 862.63 ns | Interval: 862.63 ns | Start: | End:

Name	Value at 0 ps
CLOCK	B 0
F	B 0

0 ps 80.0 ns 160.0 ns 240.0 ns 320.0 ns 400.0 ns 480.0 ns 560.0 ns 640.0 ns 720.0 ns 800.0 ns 880.0 ns 960.0 ns

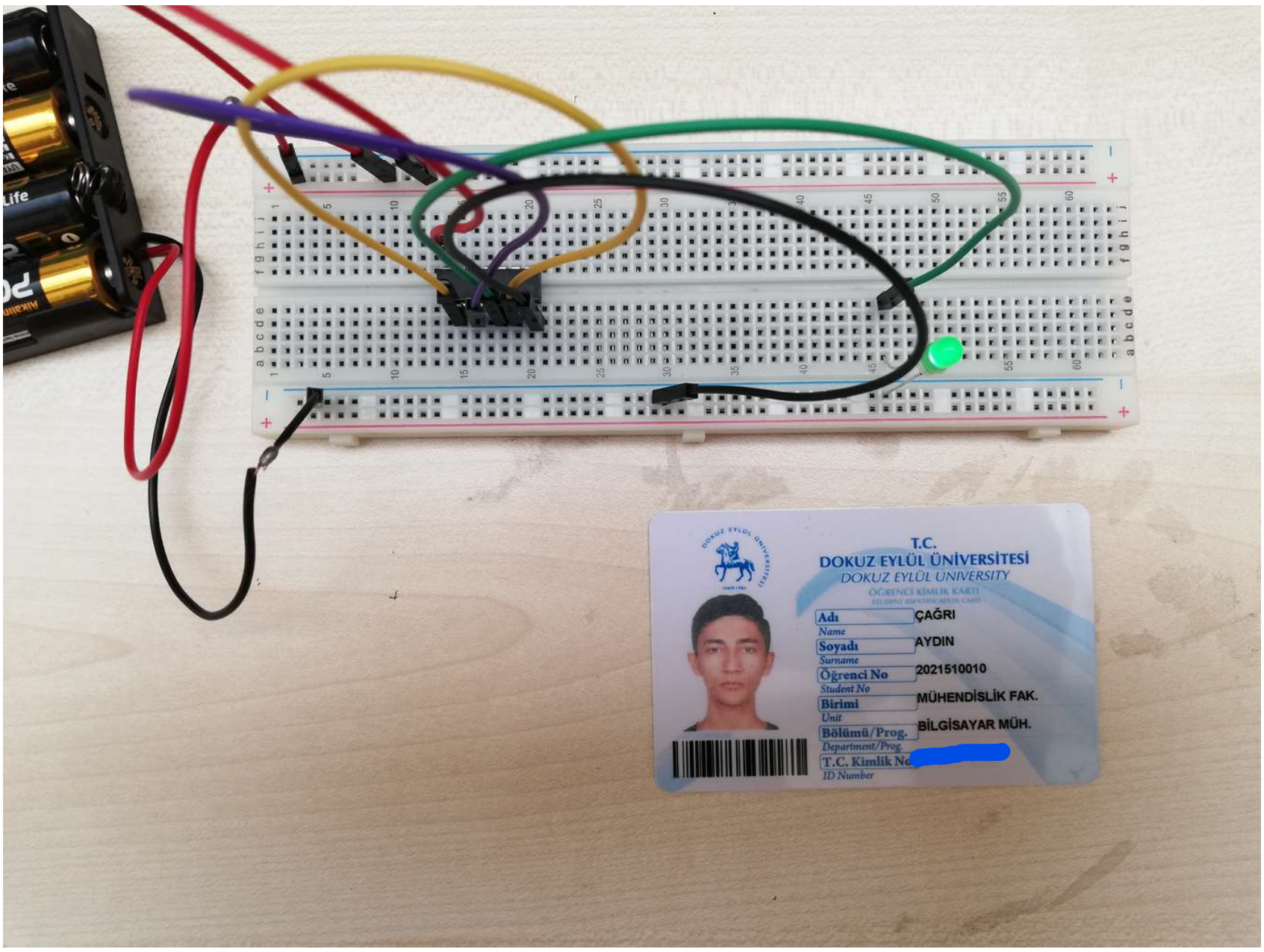
0 ps

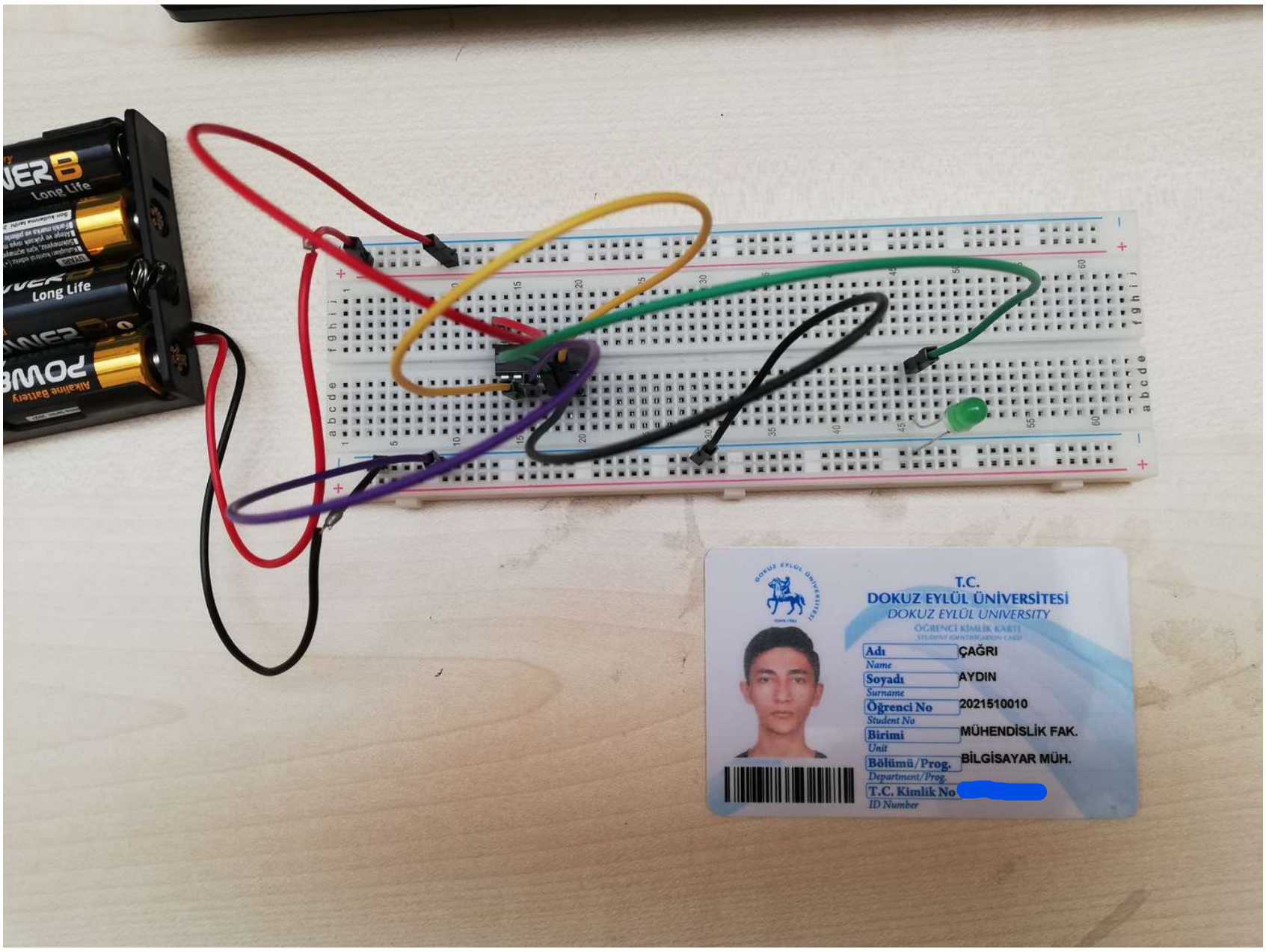
0%

0%

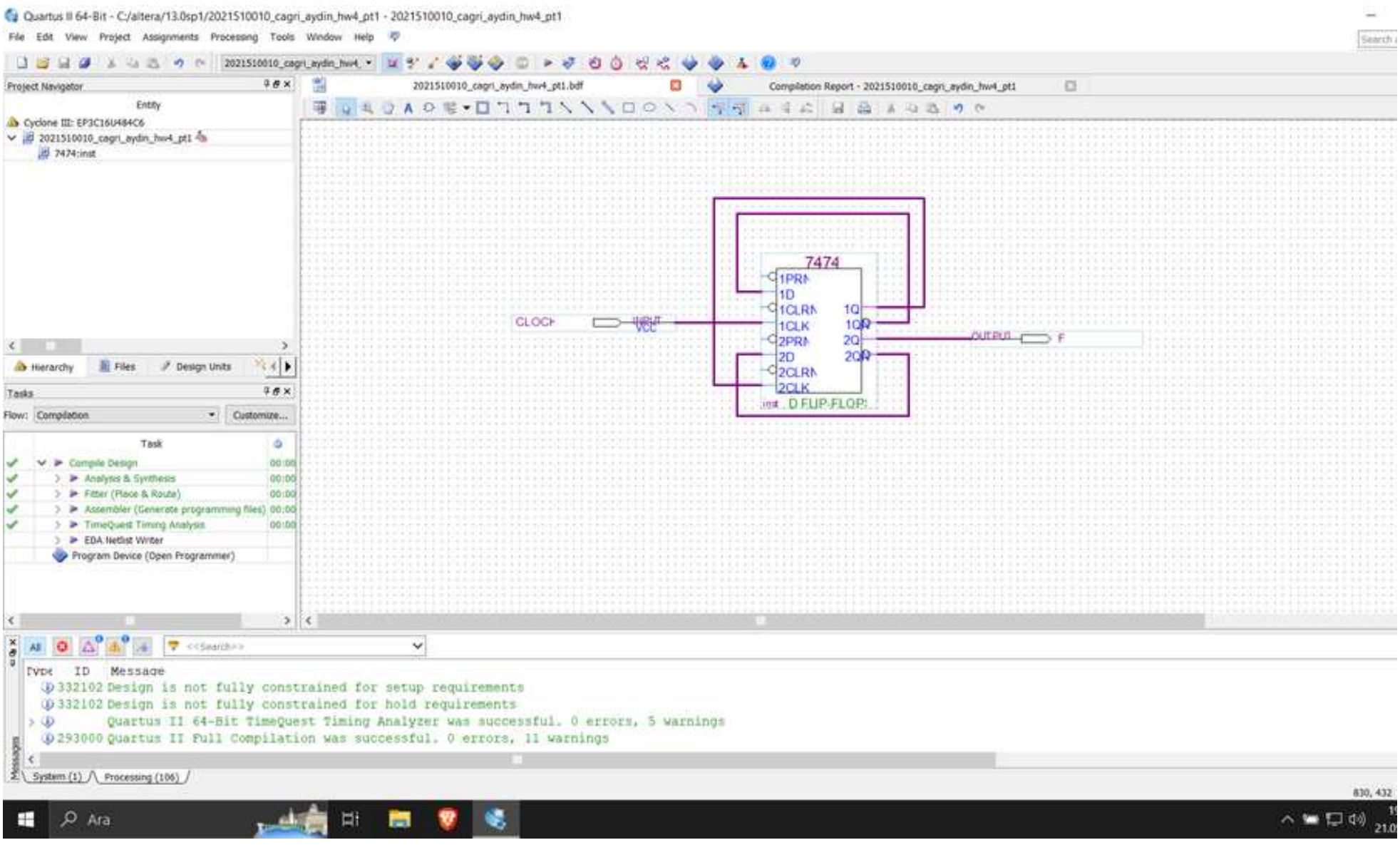
Ara

19:13
21.05.2023





Divied by four



Simulation Waveform Editor - C:/altera/13.0sp1/2021510010_cagri_aydin_hw4_pt1 - 2021510010_cagri_aydin_hw4_pt1 - [Waveform10.vwf]

File Edit View Simulation Help

Simulation Waveform Editor - [2021510010_cagri_aydin_hw4_pt1.sim.vwf (Read-Only)]

File Edit View Simulation Help

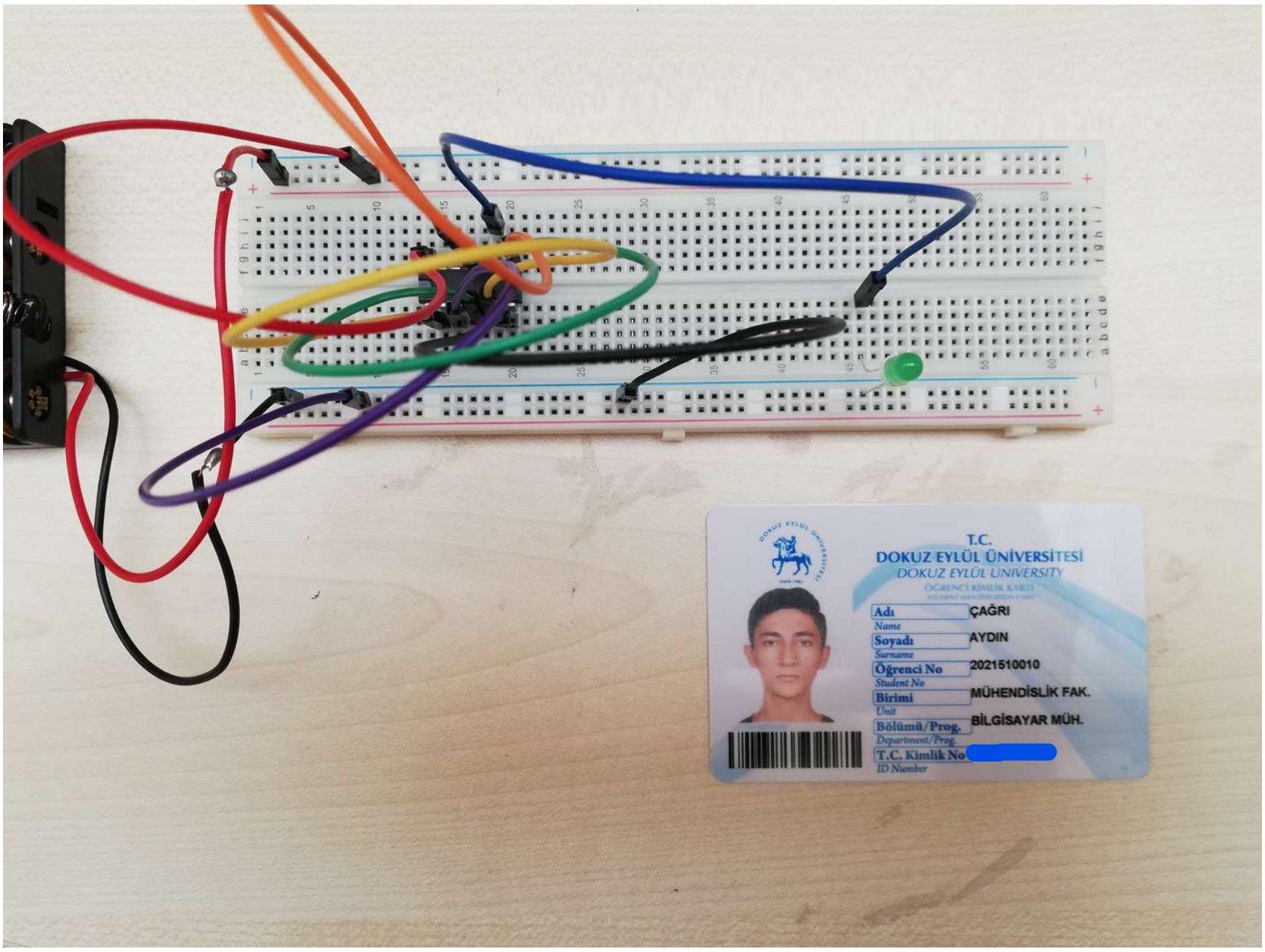
Master Time Bar: 0 ps | Pointer: 828.83 ns | Interval: 828.83 ns | Start: | End:

Name	Value at 0 ps
CLOCK	B 0
F	B 0

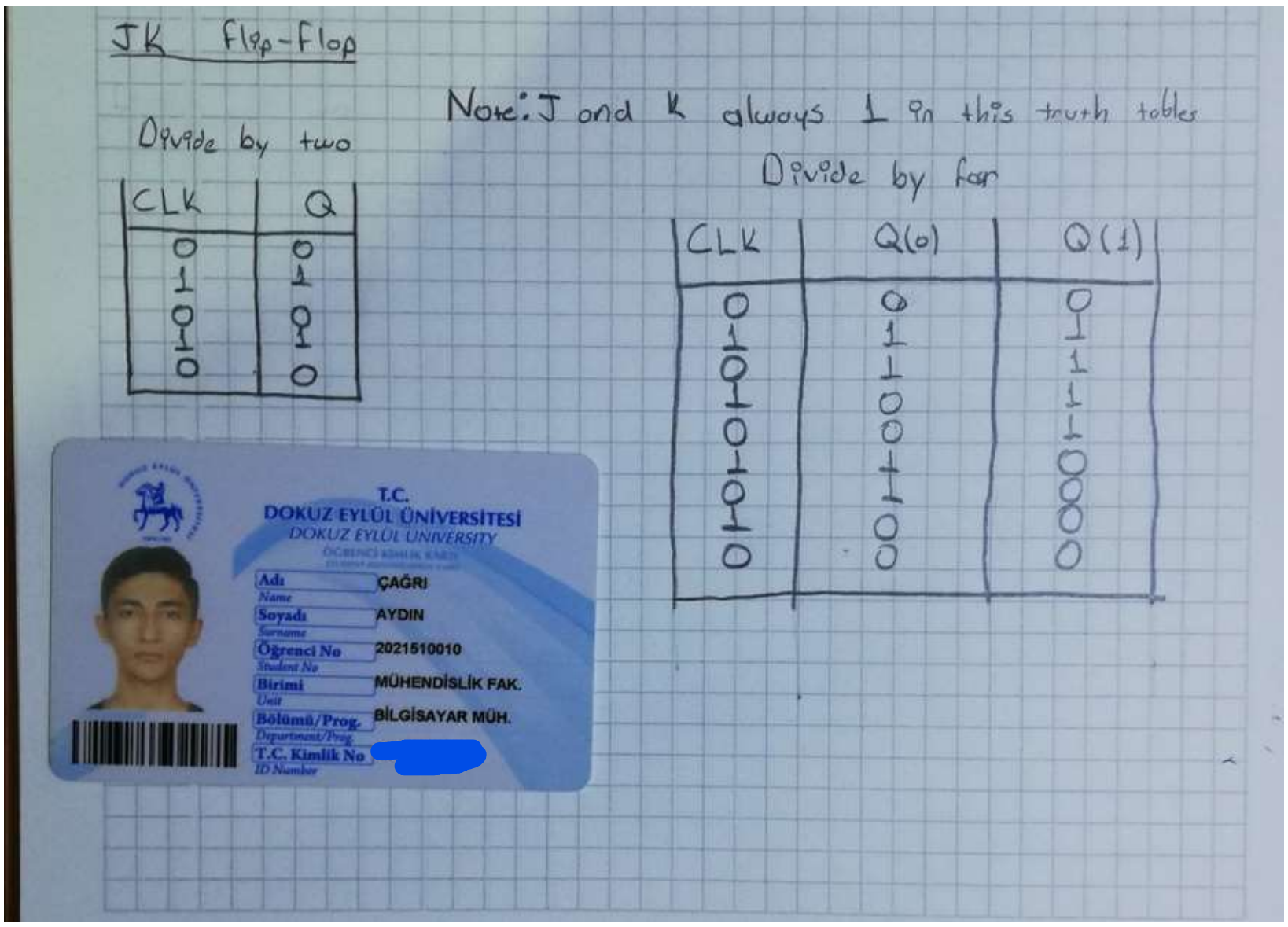
0 ps 80.0 ns 160.0 ns 240.0 ns 320.0 ns 400.0 ns 480.0 ns 560.0 ns 640.0 ns 720.0 ns 800.0 ns 880.0 ns

0 ps

Ara


T.C.
DOKUZ EYLÜL ÜNİVERSİTESİ
DOKUZ EYLÜL UNIVERSITY
ÖĞRENCİ KİMLİK KARTI
Adı
Name
ÇAĞRI
Soyadı
Surname
AYDIN
Öğrenci No
Student No
2021510010
Birimi
Unit
MÜHENDİSLİK FAK.
Bölümü/Prog.
Department/Prog.
BİLGİSAYAR MÜH.
T.C. Kimlik No
ID Number

JF Flip Flop


JK Flip-Flop
Note: J and K always 1 on this truth tables
Divide by two
CLK
Q
0
1
0
1
0
0
1
1
0
Divide by four
CLK
Q(0)
Q(1)
0
1
0
1
0
0
1
1
0
0
1
1
0
0
0
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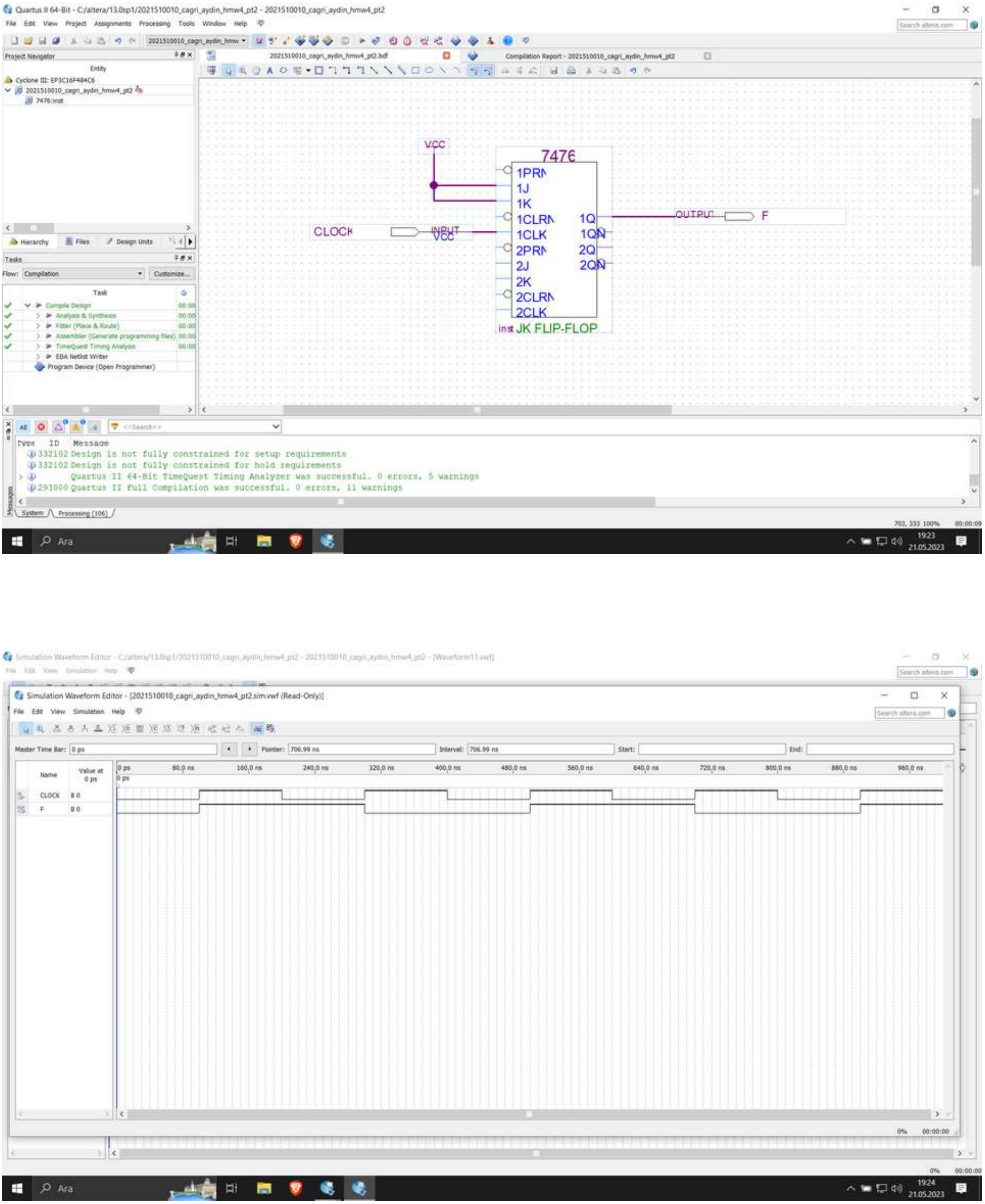
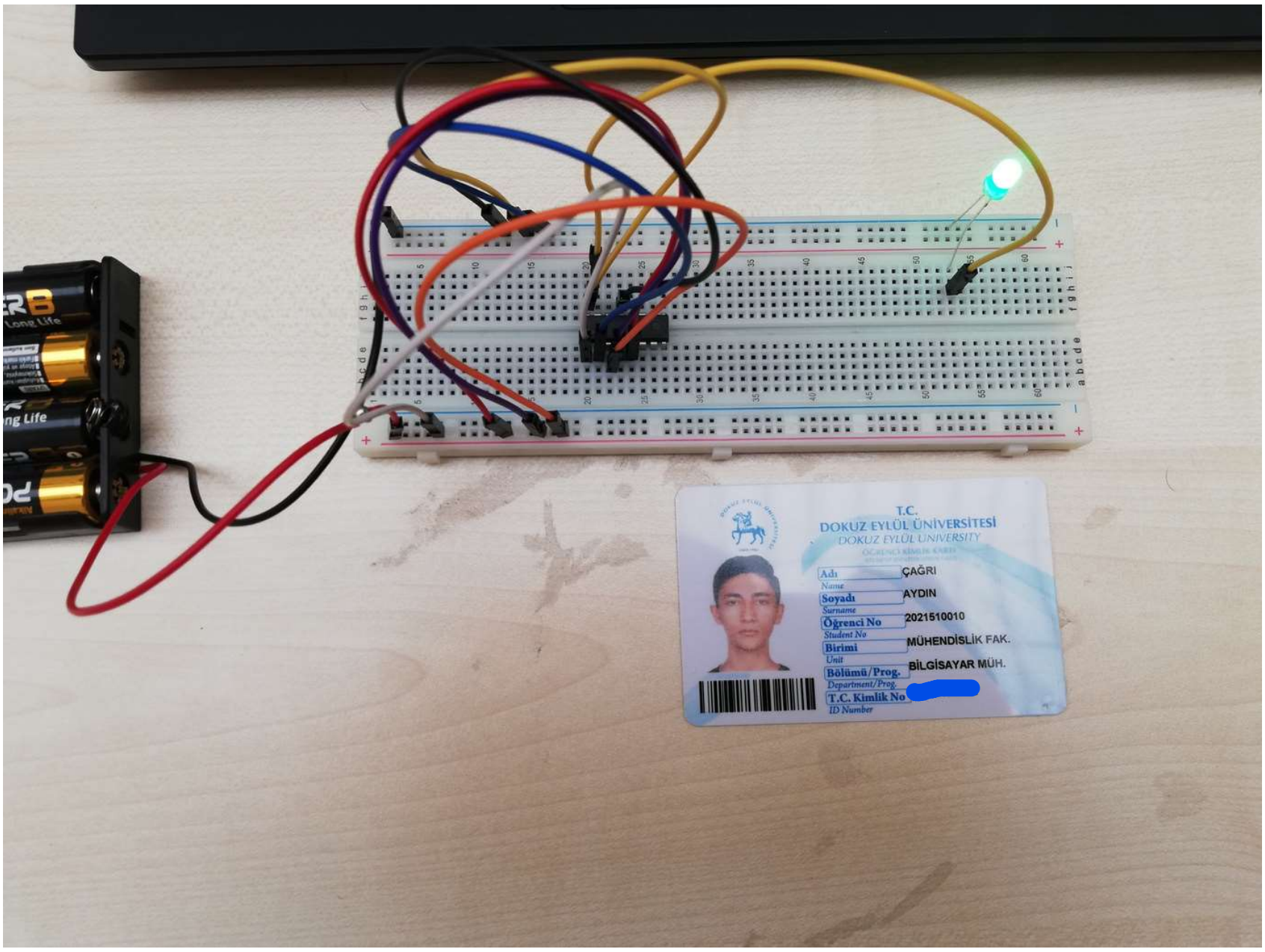
Divied by two

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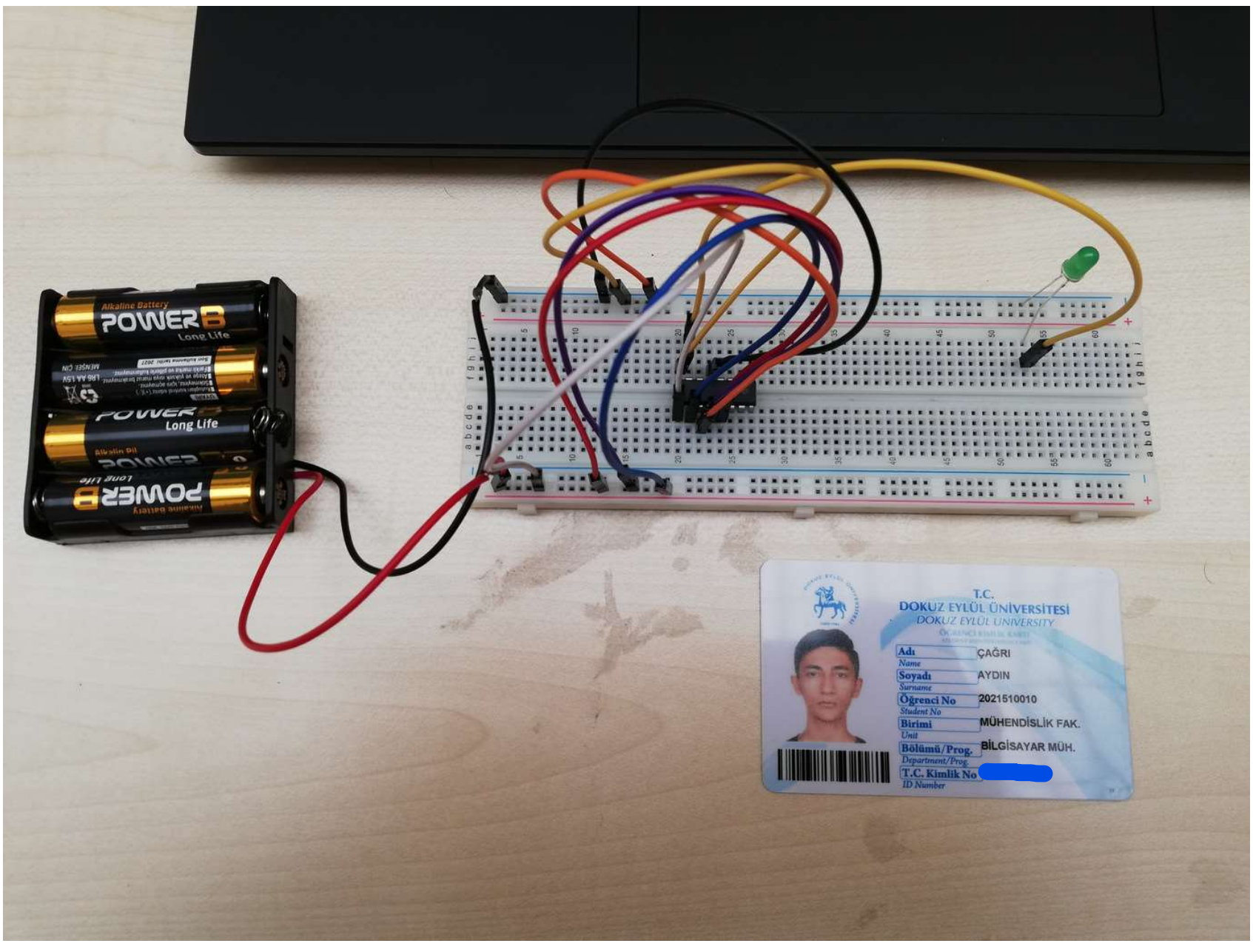
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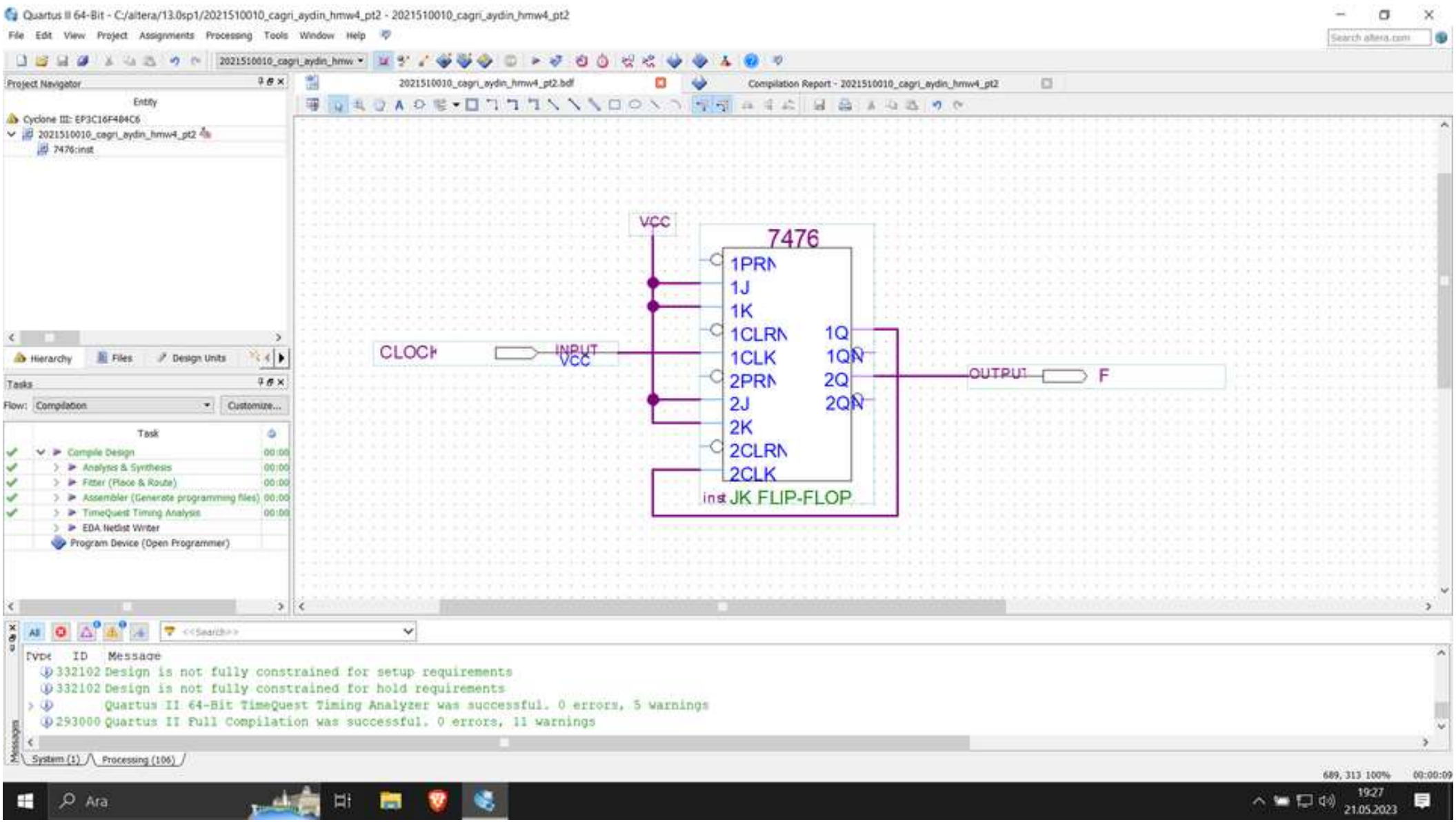

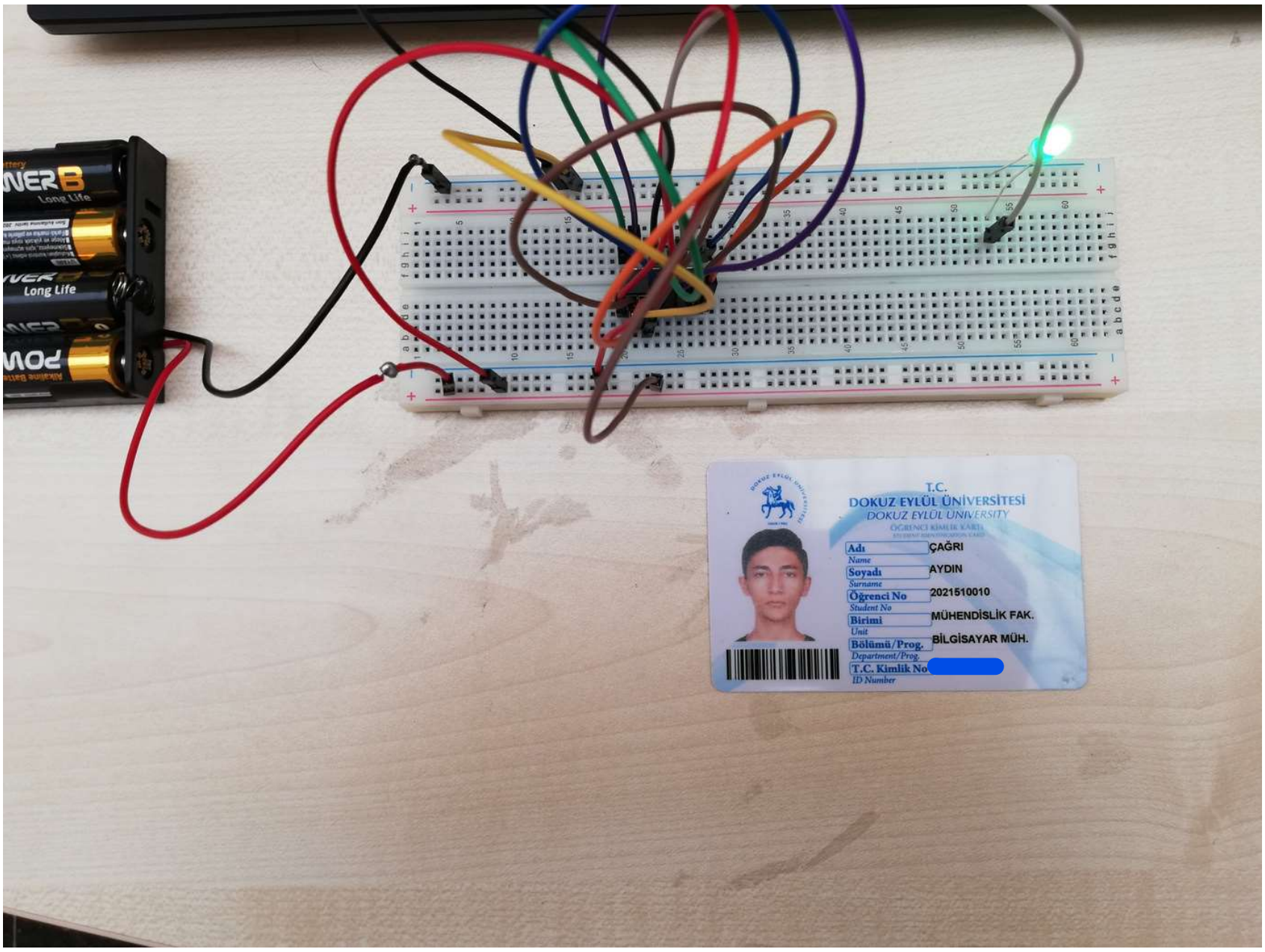
Long Life
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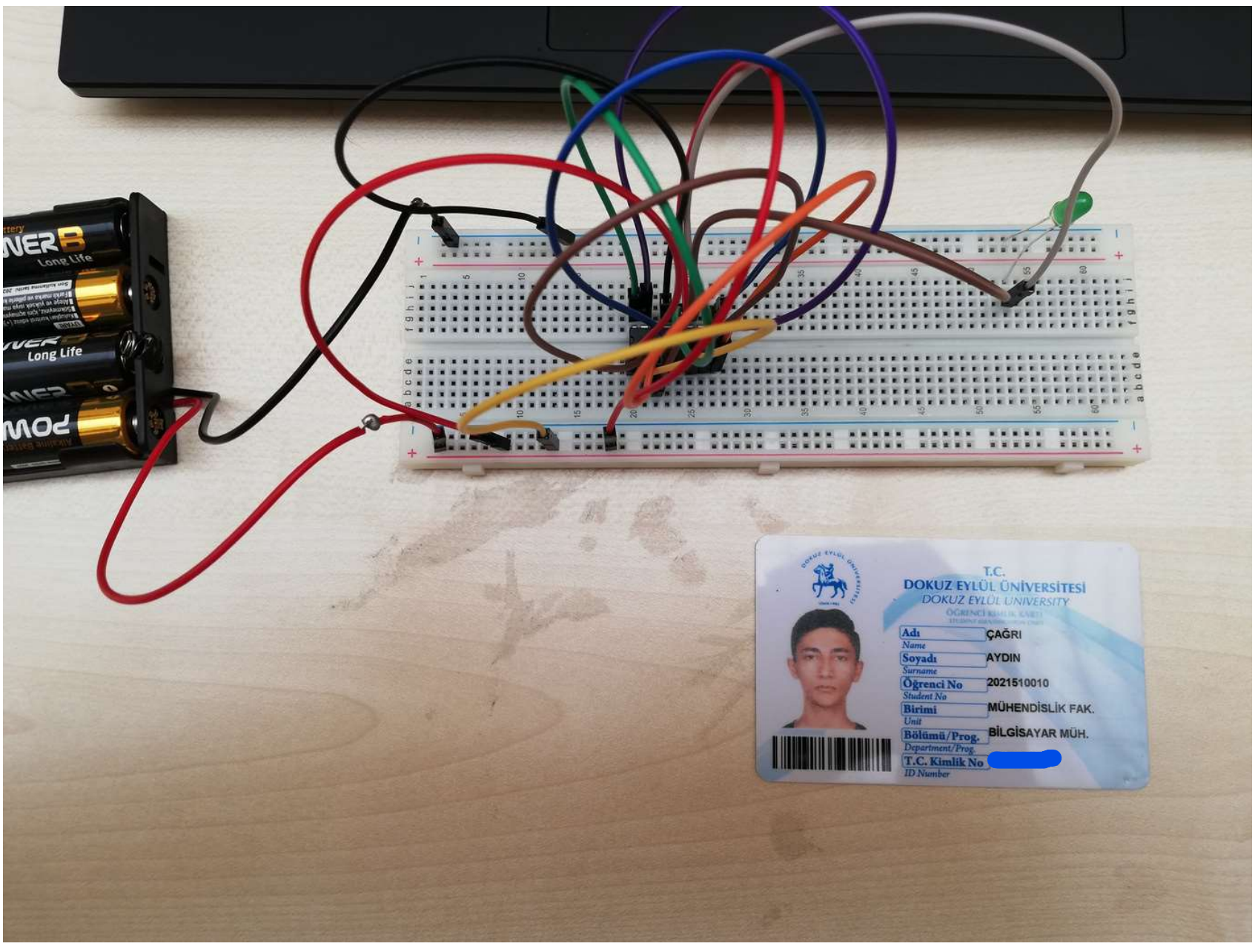
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