THE ISLAMIC UNIVERSITY – FACULTY OF ENGINEERING

Computer ENGINEERING DEPARTMENT

Embeded Systems

HOMEWORK 1

Prepared by:	Student number:
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Submitted for:

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Gaza, Palestine

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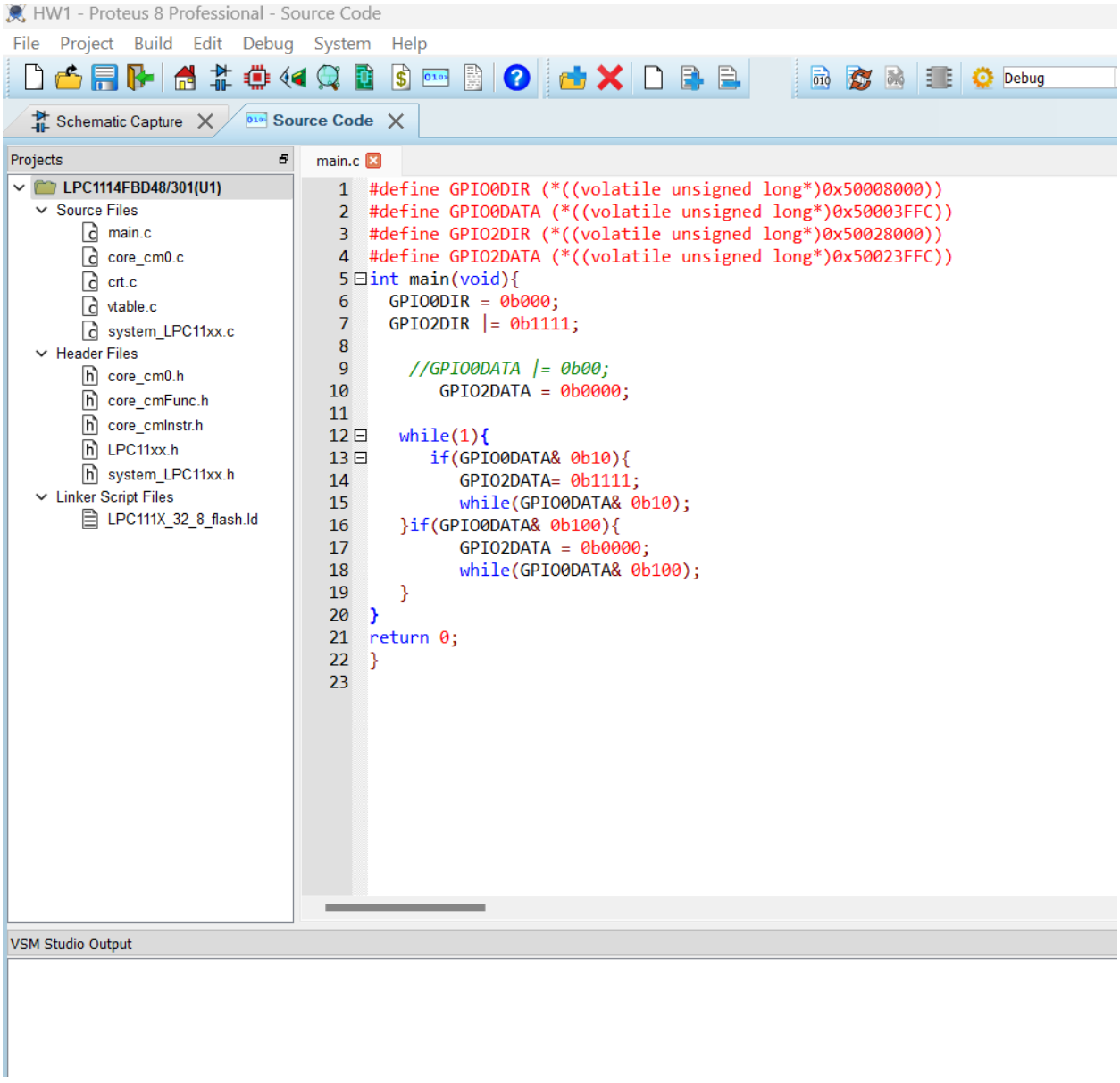
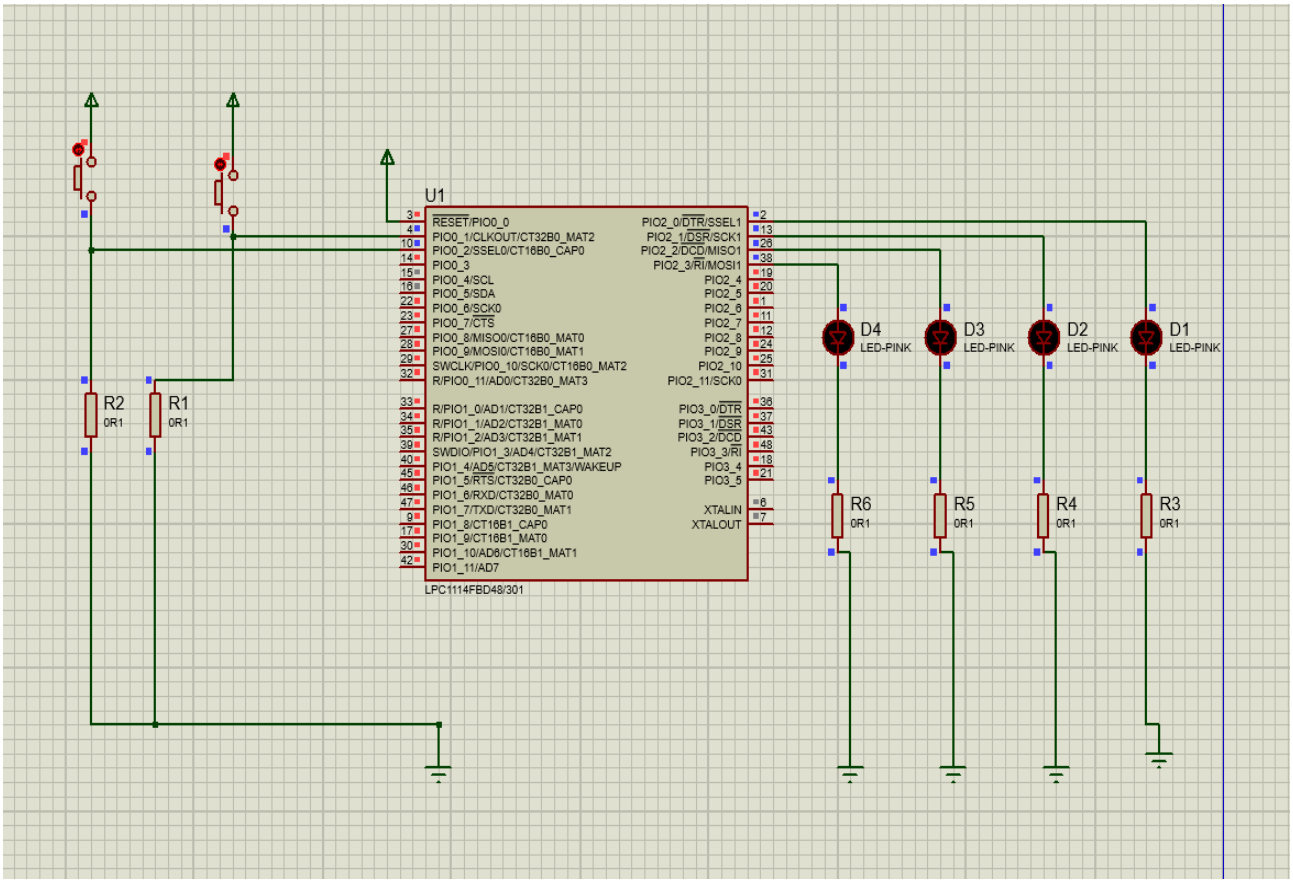
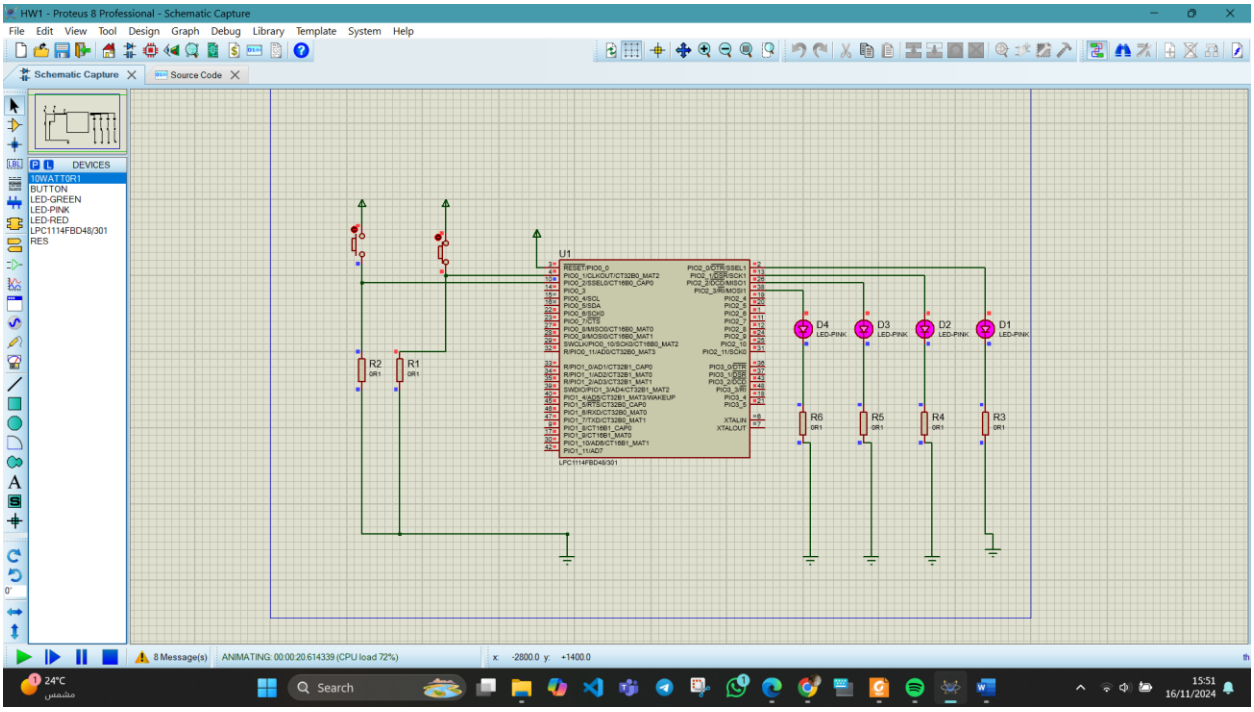
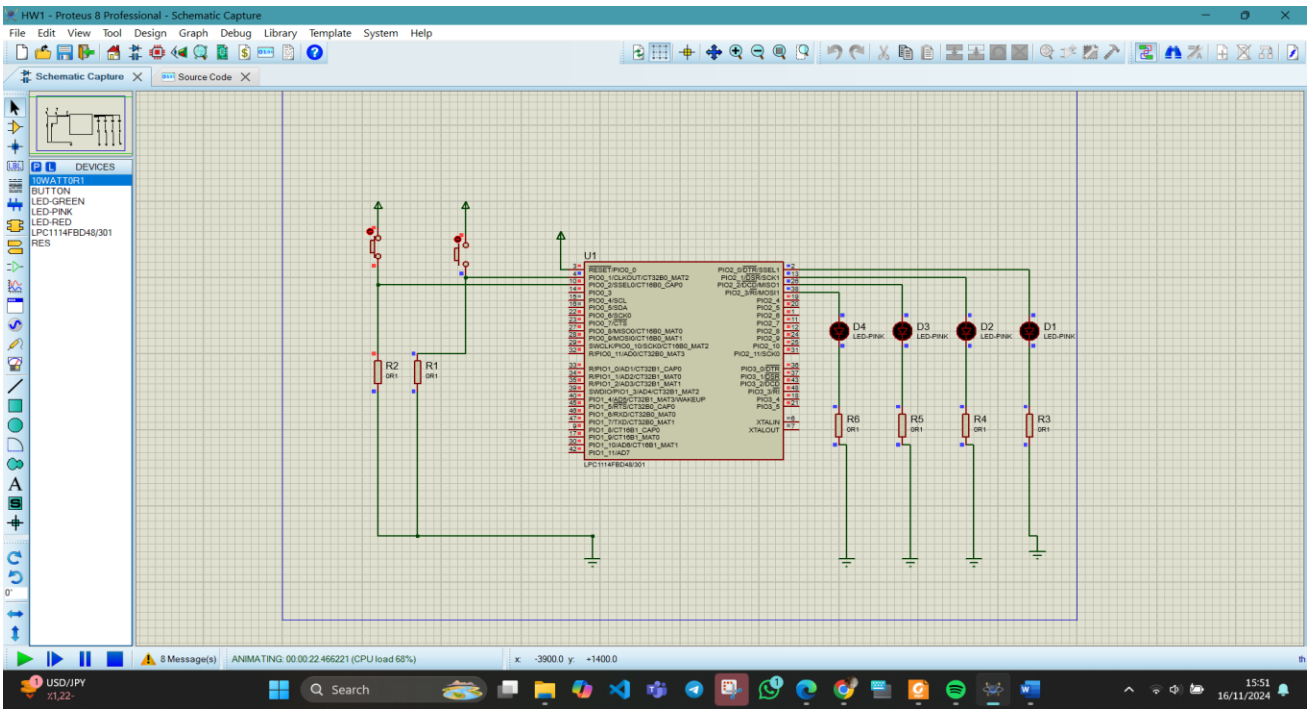
Code and Design Connection:




U1
RESET/PIO0_0
PIO0_1/CLKOUT/CT32B0_MAT2
PIO0_2/SSEL0/CT16B0_CAP0
PIO0_3
PIO0_4/SCL
PIO0_5/SDA
PIO0_6/SCK0
PIO0_7/CTS
PIO0_8/MISO0/CT16B0_MAT0
PIO0_9/MOSI0/CT16B0_MAT1
SWCLK/PIO0_10/SCK0/CT16B0_MAT2
R/PIO0_11/AD0/CT32B0_MAT3
R/PIO1_0/AD1/CT32B1_CAP0
R/PIO1_1/AD2/CT32B1_MAT0
R/PIO1_2/AD3/CT32B1_MAT1
SWDIO/PIO1_3/AD4/CT32B1_MAT2
PIO1_4/AD5/CT32B1_MAT3/WAKEUP
PIO1_5/RTS/CT32B0_CAP0
PIO1_6/RXD/CT32B0_MAT0
PIO1_7/TXD/CT32B0_MAT1
PIO1_8/CT16B1_CAP0
PIO1_9/CT16B1_MAT0
PIO1_10/AD6/CT16B1_MAT1
PIO1_11/AD7
PIO2_0/DTR/SSEL1
PIO2_1/DSR/SCK1
PIO2_2/DCD/MISO1
PIO2_3/RI/MOSI1
PIO2_4
PIO2_5
PIO2_6
PIO2_7
PIO2_8
PIO2_9
PIO2_10
PIO2_11/SCK0
PIO3_0/DTR
PIO3_1/DSR
PIO3_2/DCD
PIO3_3/RI
PIO3_4
PIO3_5
XTALIN
XTALOUT
LPC1114FBD48/301
R2
0R1
R1
0R1
D4
LED-PINK
D3
LED-PINK
D2
LED-PINK
D1
LED-PINK
R6
0R1
R5
0R1
R4
0R1
R3
0R1

When clicking on button 1:



When clicking on button 2: