



**Islamic University of**

**Faculty of Engineering.**

**Computer Engineering**

**Department.**

**Embedded System Lab**

**Lab1 : Introduction to Embedded**

**Homework #1**

**Prepared by: ID number:**

**Eng. Sarah E. Alhayek 220200395**

**Supervised by:**

**Eng. Amal Abu Jasser**

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1. Implement a system that takes two buttons as input, if the first one is clicked you should shine 4 LEDs (the four LEDs should be connected to PORT2), then if you click the second one you should turn all the LEDs off.

A screenshot of a computer code

Description automatically generated

A computer screen shot of a circuit board

Description automatically generated

A computer screen shot of a circuit board

Description automatically generated

A computer screen shot of a computer

Description automatically generated