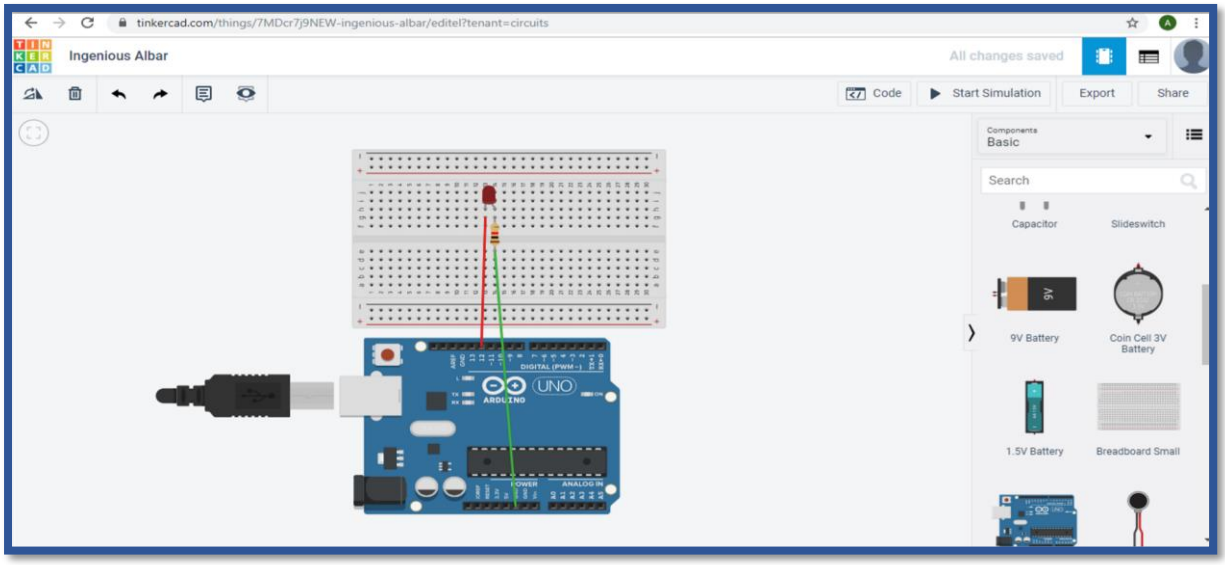
EXP.-1→ LED FLASHER

Circuit Diagram:



Theory:

Concept Used:

LED flashers are semiconductor integrated circuits used to turn on and off groups of light emitting diodes either sequentially or according to a programmed pattern.

Learning and Observations : This micro controller gives the valid instruction to the elements fitted on the breadboard according to coding done on software.

Precautions:

1--Postive and Negative terminals should be put in correct order.

2-All the wires and elements should be connected tightly and according to the coding done on the system.

3- The coding done on the software should be correct in every manner. All the errors should be avoided i.e. syntax logical

2-All the wires and elements should be connected tightly and according to the coding done on the system.

3- The coding done on the software should be correct in every manner. All the errors should be avoided i.e. syntax,logical errors etc..

Problems and Trouble shooting:

1-The incorrect coding might cause problems in the working of hardware. This can be corrected by learning C++ and practicing it on the software.

2-Arduino wire must be checked if they are loose or not. And the ports should be properly cleaned before using ,they might cause problem in future.

Learning Outcome:

This project was the pillar for the upcoming project we are going to do in upcoming semester.

In this project we learned how to flash a LED bulb and how to code it on the software.