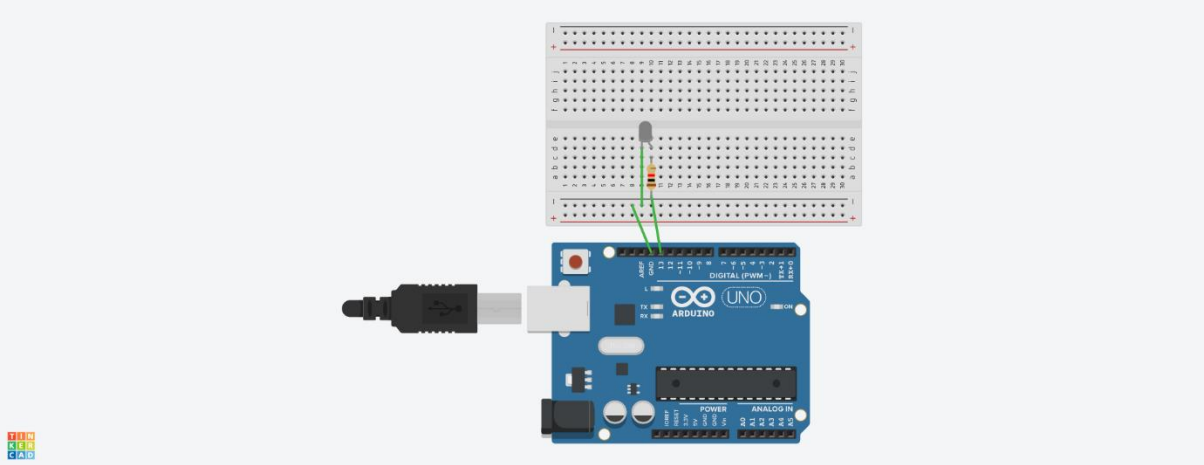

THEORY

CONCEPTS 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. They are found in circuits used as indicators and controllers, as well as in home-built projects.

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LEARNING AND TROUBLESHOOTING

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

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3. 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. They are found in circuits used as indicators and controllers, as well as in home-built projects.

PRECAUTIONS-

1. Avoid leds which are fused ,broken or crack because this will led to not working of your circuit
2. Using voltmeter which are working properly and measure the voltage of leds to check if those leds are working properly. Fault in led will led to use of wrong leds.
3. Don’t use broken Arduino uno

LEARNING OUTCOMES-

The proper working of bread board . this experiment help me to get my hands completely on these circuits. After this I become more friendly with the use of leds ,resistors ,switch and breadboard.

Arduino uno helped me to get into circuits more deeply and I get to know how I can use Arduino in many projects like these leds , in making fingerprint sensor or any sensor . This has more use that we can normally see.