***THEORY***

**Concept Used:-**

* **Knowledge about LEDs.**
* **Knowledge about Arduino.**
* **Knowledge about Coding.**
* **Knowledge about breadboard**

**Problems & Troubleshooting:-**

* **Wrong port was connected .**
* **LED was fuse.**
* **Arduino was damaged .**

**Precautions:-**

* **Connection should be neat and clean .**
* **Coding should be without error.**
* **Ground pin should be connected.**
* **Required resistance should be attached**

**Learning Outcomes:-**

* **Functioning of Arduino.**
* **Concept of LEDs.**
* **Practical knowledge of OHM’s law .**
* **Knowledge about Arduino coding**
* **Knowledge about breadboard**