***THEORY***

***Concept Used:-***

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

***Problems and Troubleshooting:-***

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

***Precautions:-***

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

***Learning Outcomes:-***

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