**Name: B.Sai Hithesh**

**USN: 1BM17CS021**

**Program Number :**

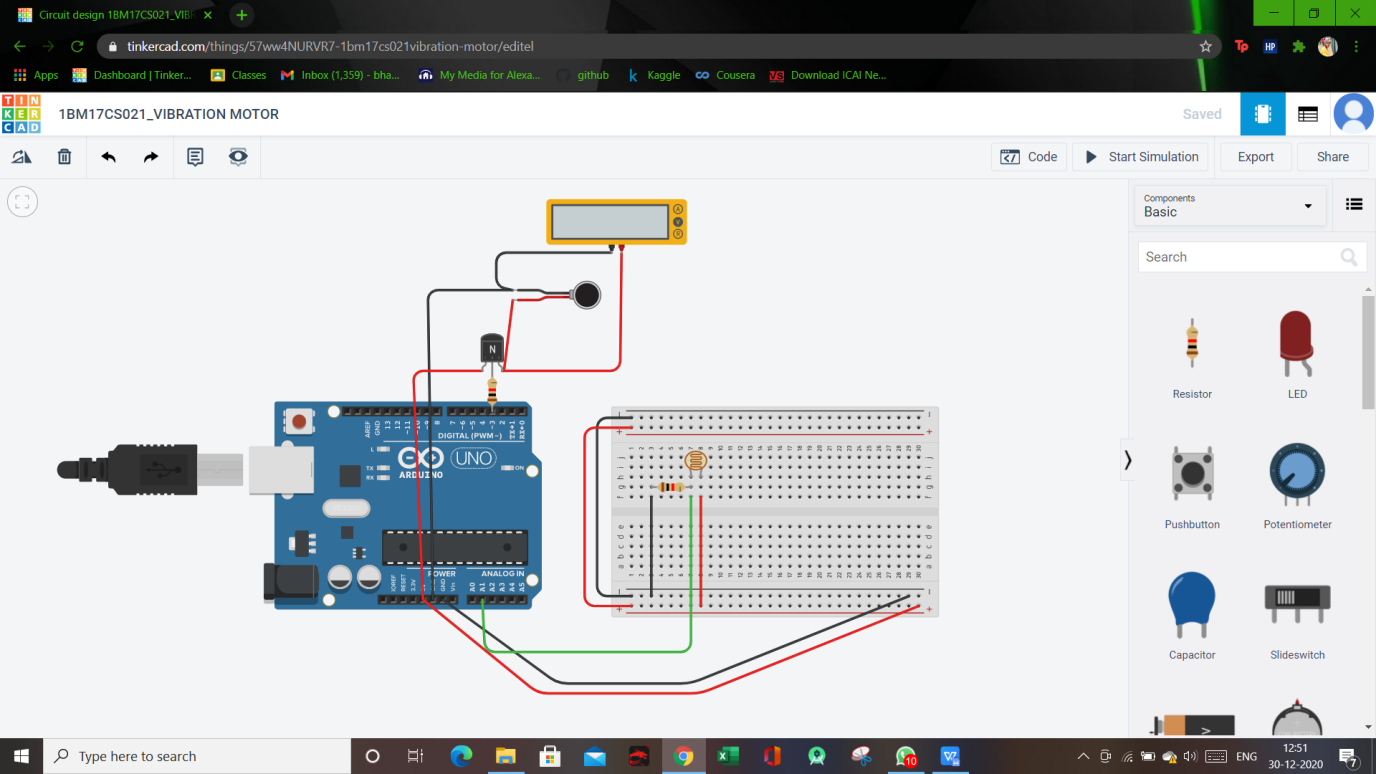
**Program Title : Vibrating motor.**

**AIM: Motor starts vibrating whenever light is detected.**

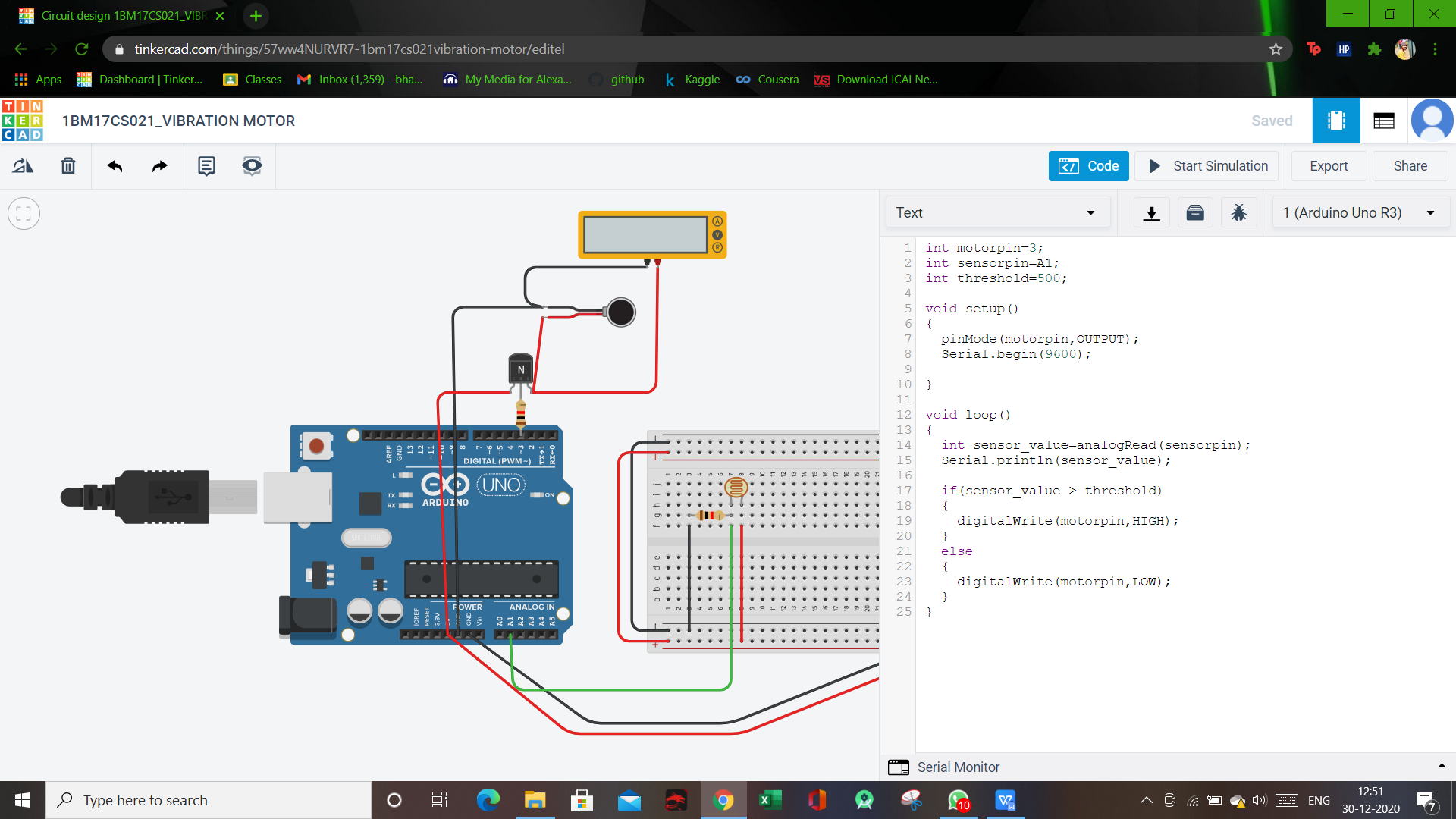
**Hardware Required:**

* **Arduino Board**
* **Vibrating motor**
* **NPN transistor**
* **Photo resistor**
* **Multi meter**

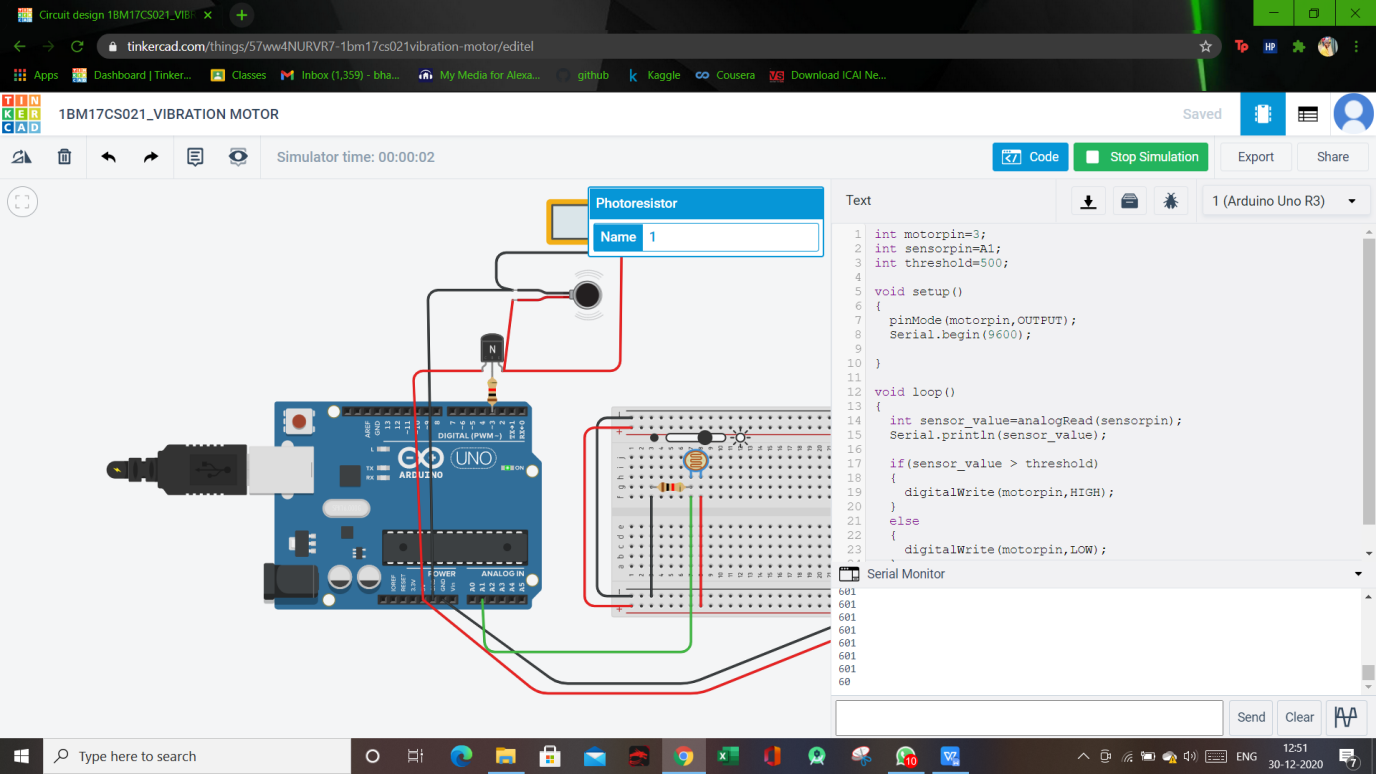
**Circuit Diagram:**

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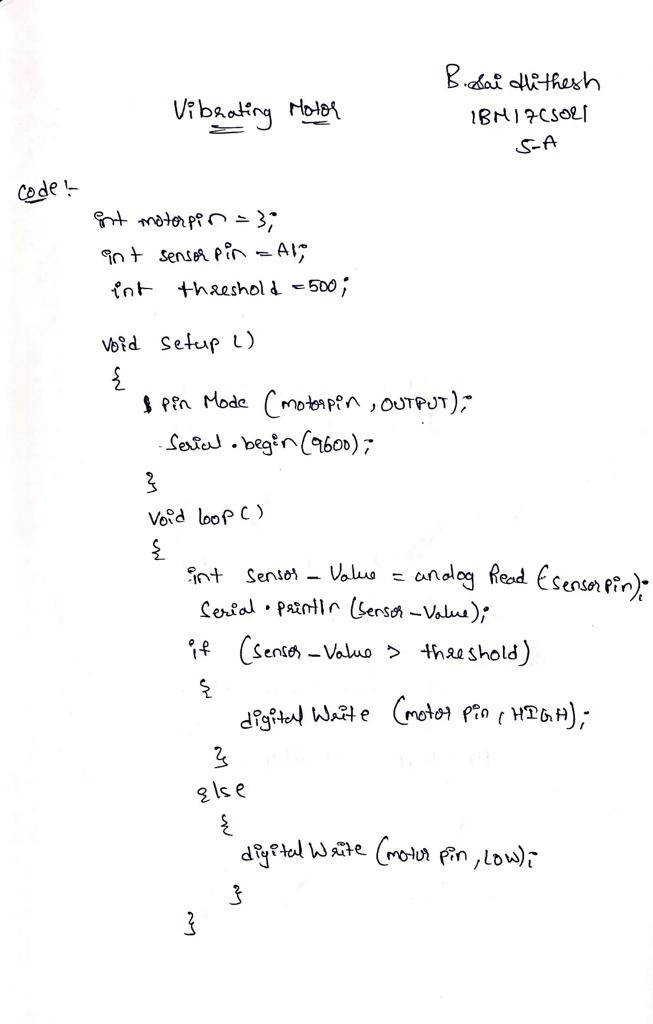
**Circuit diagram along with code:**

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**Simulation:**

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**Code:**

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**Observation/output:**

Motor starts to vibrate in presence of light.