**Name: B.Sai Hithesh**

**USN: 1BM17CS021**

**Program Number :**

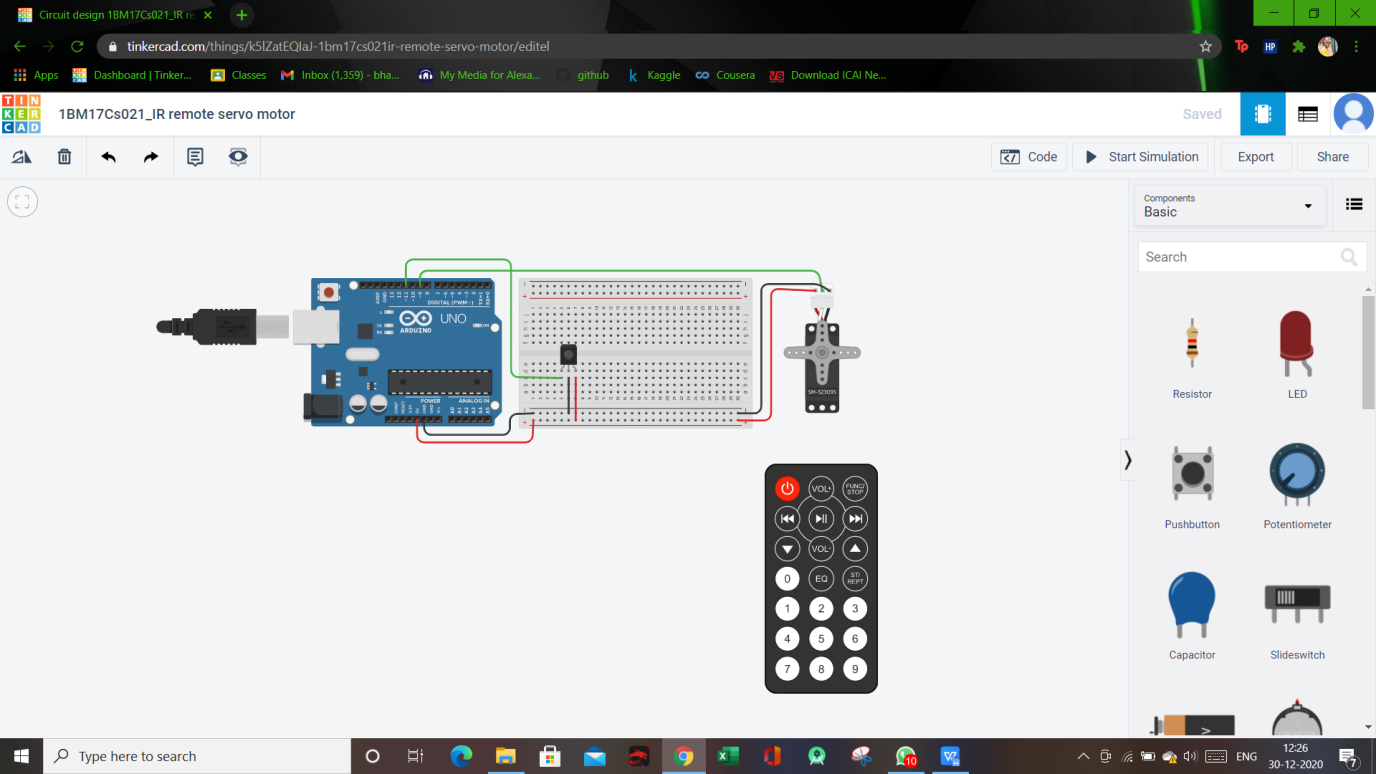
**Program Title : IR sensor controlling servo motor.**

**AIM: Servo motor starts to rotate whenever button is pressed on remote.**

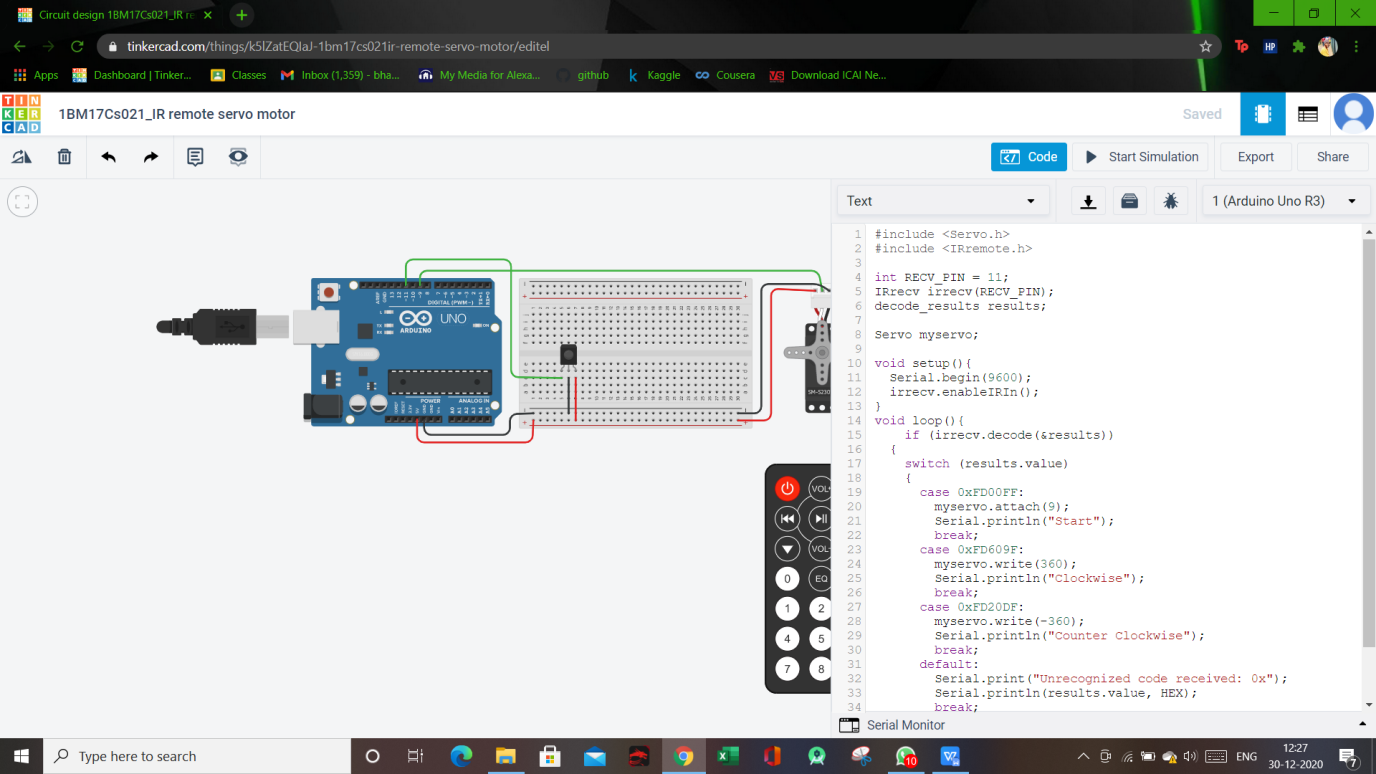
**Hardware Required:**

* **Arduino Board**
* **IR sensor**
* **IR remote**
* **Breadboard**
* **Servo motor**

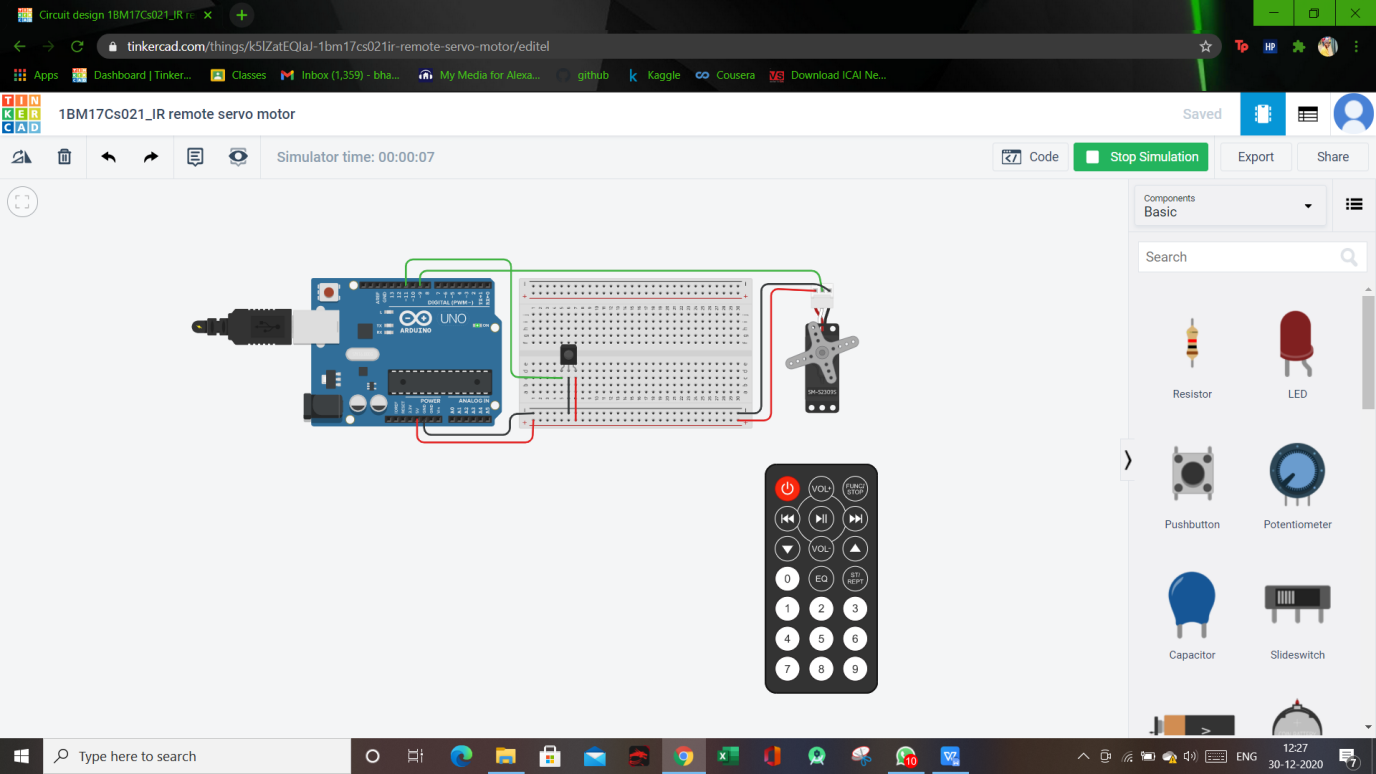
**Circuit Diagram:**

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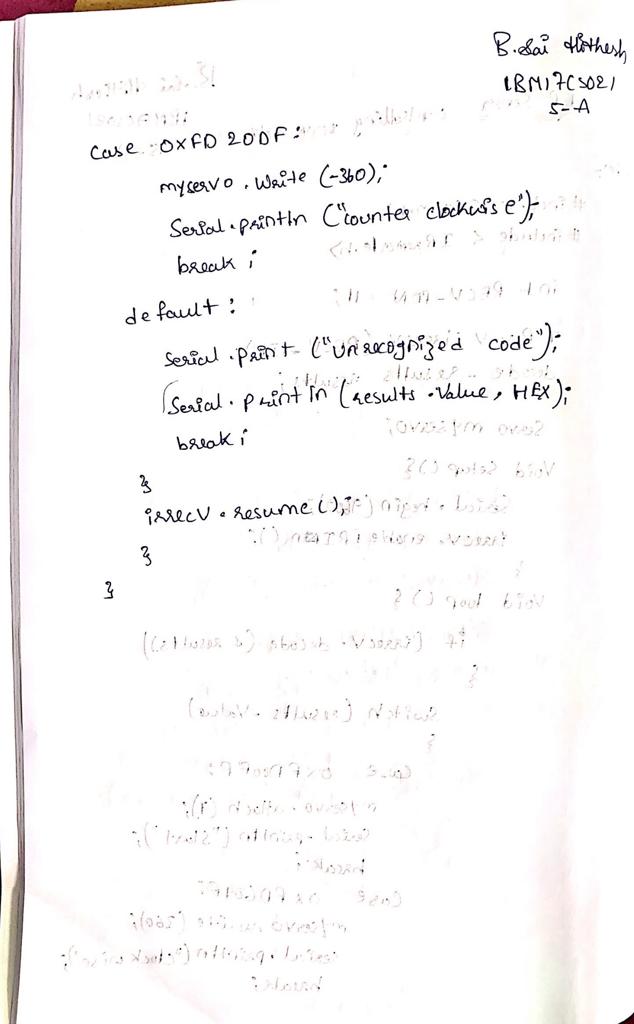
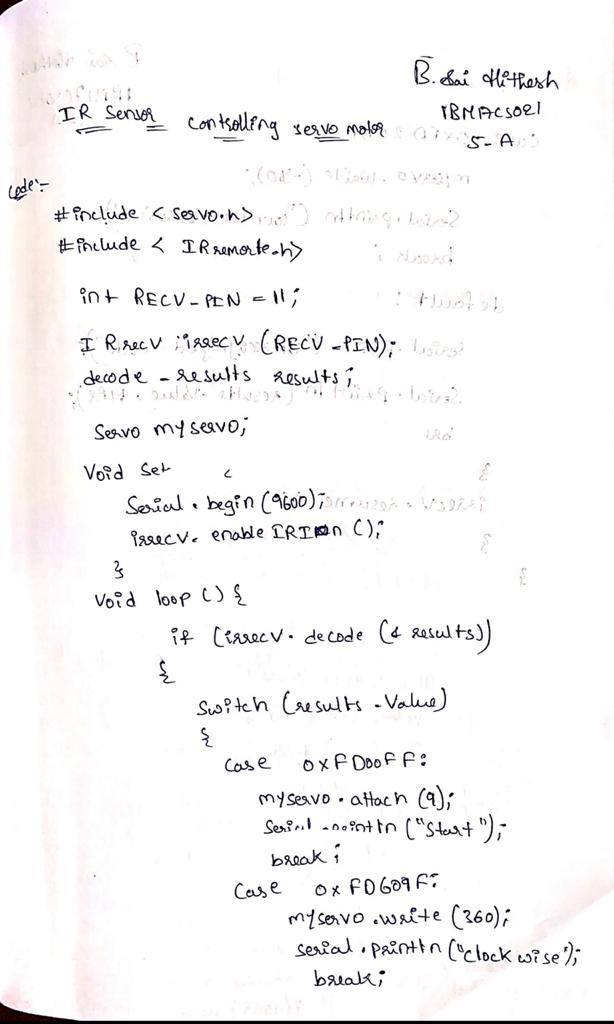
**Circuit diagram along with code:**

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**Simulation:**

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**Code:**

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**Observation/output: Motor starts to rotate whenever button is pressed on IR remote.**