**Tinker cad case Study Building Humidity sensor with Arduino**

**Setup and login to tinker cad**

**Graphical user interface, application

Description automatically generated**

**Click on create circuit:**

**Add Arduino uno r3**

**Graphical user interface, text

Description automatically generated**

**Add bread board.**

**Graphical user interface, text

Description automatically generated**

**Add potentiometer to the circuit.**

**Graphical user interface, text

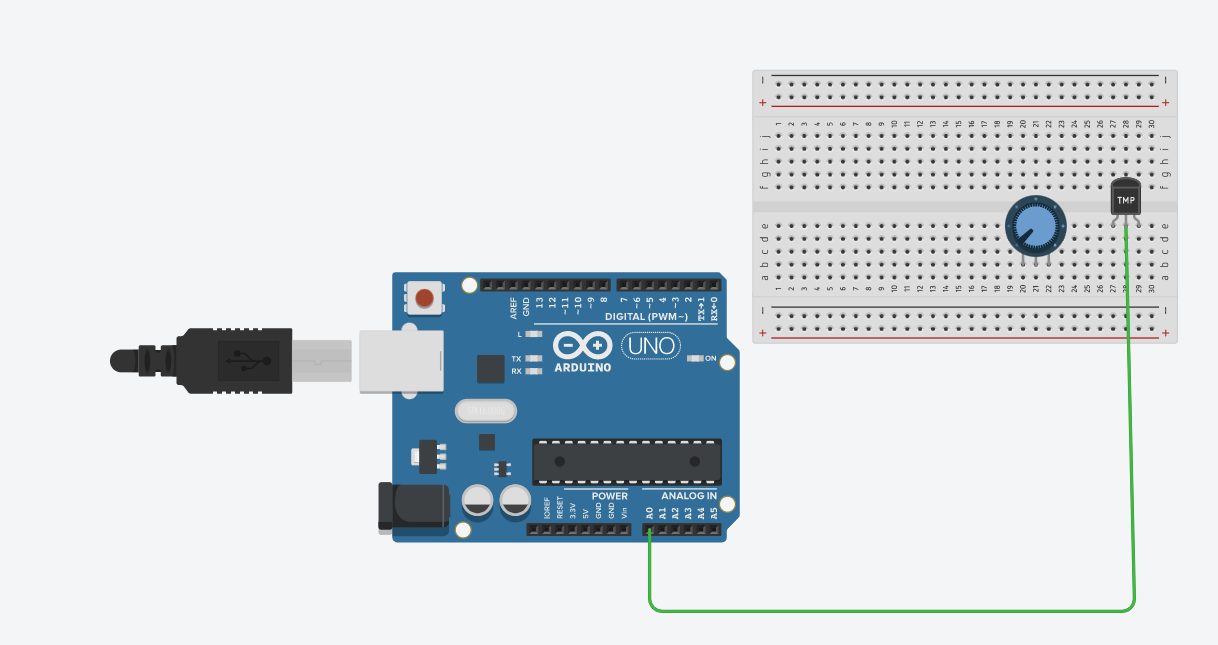
Description automatically generated**

**Add temperature sensor.**

**Graphical user interface, text

Description automatically generated**

**Connect A0 to Vout of Temperature sensor.**

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**Connect A1 to wiper of potentiometer.**

**Diagram

Description automatically generated**

**Connect ground to gnd of temperature sensor and terminal 1 of potentiometer**

**Diagram

Description automatically generated**

**Power connection of 5v**

**To complete the circuit**

**Diagram

Description automatically generated**

**Out puts:**

**Graphical user interface, text

Description automatically generated**