By using an Arduino board, design and construct a simple Light Tracker as shown in figure given below.
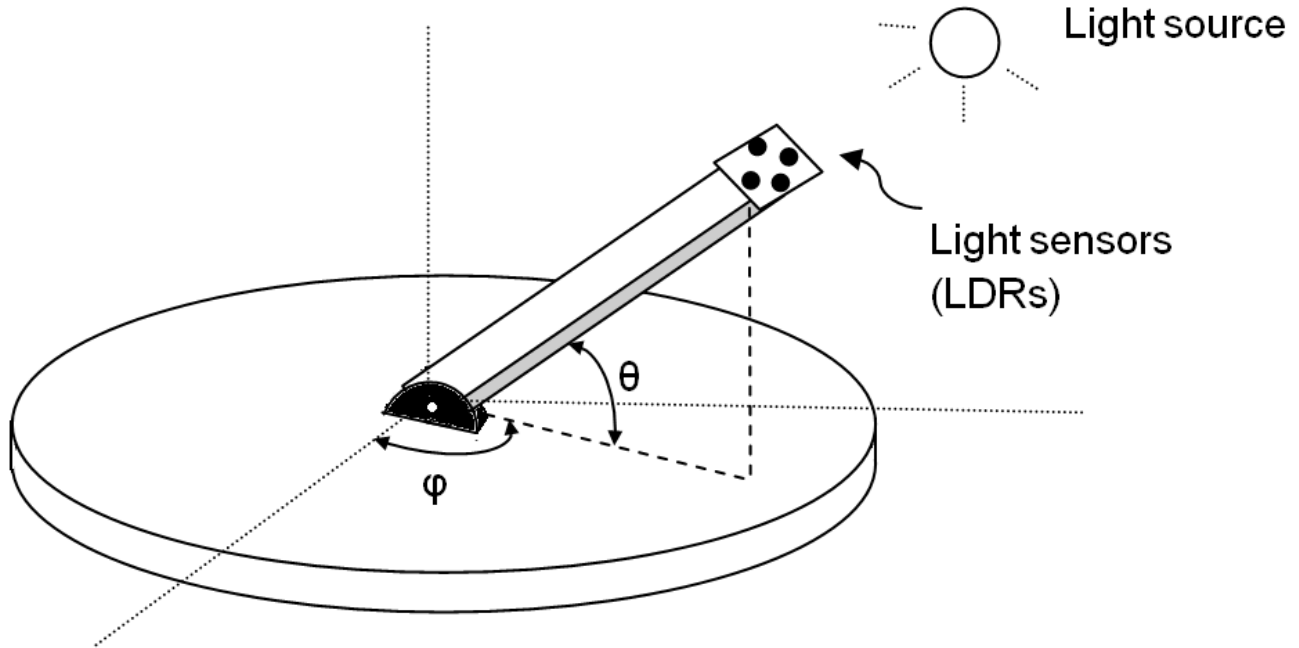
Requirements:
- Azimuth angle (φ) must be controlled by a stepper motor [0°, 360°].
- Altitude angle (θ) must be controlled by a servo motor [0°, 180°].
- You can use any light sensor (such as LDR).
- You should prepare a GUI program via Processing 2+ to indicate real time measurements of the angles φ and θ.
- You should take a video shoot (max 1 min) describing how it works.
  Then, upload the video to youTube and send the link by an e-mail to bingul_at_gantep.edu.tr.

Marking:
- If it works: 40%
- GUI with Processing: 30%
- Response time of the construction: 25%
- Video shoot: 5%