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Solar Tracker System using Arduino UNO and LDR Sensor

This project uses an Arduino Uno to build a dual-axis solar tracking system. Four LDR sensors detect the intensity of sunlight from different directions, and two servos adjust the position of the solar panel both horizontally and vertically to align with the brightest light source. This ensures maximum sunlight exposure, increasing the efficiency of solar energy collection. It's an excellent example of an automatic feedback control system.