

'JHOOM JHOOM LAMP'

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Feeling too lazy to get up and switch on your lamp? Want to have the lights switched at your command? Jhoom Jhoom Lamp, a colorful, interactive lamp is just what you need. Clap once and switch it on. Clap again and switch it off. It can easily be controlled via your phone from across the room. It is lightweight and portable and is suitable for all kinds of settings and occasions. If you want to have even more fun with it, just select the disco mode and see it lose control and break into a spectacular array of colors! This lamp uses an Arduino board as the microcontroller, a sound sensor for fetching verbal queues and a servo motor for rotation. It can easily be operated via a simple Android App. So, revive your spirits with the awesome energy of this unique lamp!

Functionalities:

PROXIMITY CONTROL

If you bring your hand (or any other object) anywhere within 5 cm of the screen of your phone, the lamp gives white light, else it glows red.

DISCO MODE

When the disco mode is on, the lamp shows an array of lights and rotates to and fro. Also, the number of taps on the disco mode button determine the number of times the process is repeated.

LIGHTS ON/LIGHTS OFF

By simply clicking the 'All Lights' and 'Lights Off' button, you can switch all the lights on and off respectively.

SOUND

A reasonably high sound in the vicinity of the lamp and the lamp comes to life and glows bright blue. Another high sound that follows switches it off.

