

Electronics II

Exercise 4

Deadline Wed 21.2.2018 12:00

1. Use the passive buzzer to play nokia tune (or other monophonic melody of your choice). (1.5p)
2. Add the keypad to the system so that you can use it to play notes. (1.5p)
3. Use the microphone module to make a clap switch which toggles a relay when it hears two consecutive claps. (3p)
(You could use this to turn on any mains powered device for example lights but since you're not an electrician you can settle for lighting up an LED or something. **Use transistor and flyback diode with the relay.**)