| Group No: XX  Group Member:   1. Name Surname 2. Name Surname 3. Name Surname 4. Name Surname 5. Name Surname |
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**Part 3: Digital Lock with RGB LED display**

In this part, you will do the coding to create a clapping LED. Clapping [12-123-12-12-1] the clapping state is divided into 5 states. When the push button is pushed, play the LED in only one state.

For example: [PUSH BUTTON] x-x [PUSH BUTTON] x-x-x [PUSH BUTTON] x-x [PUSH BUTTON] x-x [PUSH BUTTON] x [PUSH BUTTON] x-x [PUSH BUTTON] x-x-x [PUSH BUTTON] x-x [PUSH BUTTON] x-x [PUSH BUTTON] x

Note:

* For ‘x’ means LED ON and ‘-’ means LED OFF
* Give 1s delay time between ‘x’ and ‘-’

Example Video Clip : <https://youtu.be/Eld2ZTJbMWQ>

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*— THIS IS THE END OF PART 3 —*