



# Bare Minimum

## Code Club Challenge – 01-00

### Setup:

- Load the sketch from the IDE File/Examples/01.Basics/... menu
- There is no circuitry needed for this sketch, we use the on-board LED
- Follow the tutorial at <https://www.arduino.cc/en/Tutorial/BareMinimum>
- In the IDE go to File/Preferences...
- Check both options for 'Show verbose output during;'

### Code Challenges:

- Compile and check the code using the tick  button
- Send the code to your board using the arrow  button
- In both cases view the messages in the report window and compare them

### Can you:

- Explain how much of the Arduino resources are used by this code?
- What are the two functions you must always have in your sketch?
- Explain why the 'Setup' function is needed to run at start-up/Reset?



No circuitry needed at this stage

## WARNING!

Always disconnect power before making/changing circuit connections