| **Command** | **Description** |
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| #include <Wire.h> | Include the Wire library for I2C communication. |
| #include <Adafruit\_GFX.h> | Include the Adafruit GFX library for graphics functions. |
| #include <Adafruit\_SSD1306.h> | Include the Adafruit SSD1306 library for OLED display functions. |
| #define SCREEN\_WIDTH 128 | Define the width of the OLED display in pixels. |
| #define SCREEN\_HEIGHT 64 | Define the height of the OLED display in pixels. |
| #define OLED\_RESET -1 | Define the reset pin (use -1 if not using a reset pin). |
| Adafruit\_SSD1306 display(SCREEN\_WIDTH, SCREEN\_HEIGHT, &Wire, OLED\_RESET); | Create an SSD1306 display object. |
| display.begin(SSD1306\_I2C\_ADDRESS, OLED\_RESET) | Initialize the OLED display. |
| display.display() | Send the display buffer to the screen. |
| delay(2000) | Pause for 2 seconds. |
| display.clearDisplay() | Clear the display buffer. |
| display.setTextSize(2) | Set the text size. |
| display.setTextColor(SSD1306\_WHITE) | Set the text color to white. |
| display.setCursor(0, 10) | Set the cursor position (column 0, row 10). |
| display.println(F("Hello, World!")) | Print "Hello, World!" to the display buffer. |
| for(;;); | Infinite loop (used to halt the program if display initialization fails). |