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//Dieser Programmcode ist Public Domain
//erstellt von Winfried Schmickler
#include <LiquidCrystal.h> // erforderliche Libarie, muss vorhanden sein !!

LiquidCrystal lcd(12, 11, 10, 5, 4, 3, 2); Pins beziehen sich auf Arduino "Nano" und "Micro"

byte fragment_1ol[8] = {
  B00000,
  B00000,
  B00000,
  B00001,
  B00011,
  B00111,
  B01110,
  B11100,
};
byte fragment_1or[8] = {
  B01110,
  B11110,
  B11110,
  B11110,
  B01110,
  B01110,
  B01110,
  B01110,
};
byte fragment_1ur[8] = {
  B01110,
  B01110,
  B01110,
  B01110,
  B01110,
  B01110,
  B01110,
  B01110,
};
byte fragment_4ul[8] = {
  B11111,
  B11111,
  B00000,
  B00000,
  B00000,
  B00000,
  B00000,
  B00000,
};
byte fragment_4ur[8] = {
  B11111,
  B11111,
  B01110,
  B01110,
  B01110,
```

```
  B01110,
  B01110,
  B01110,
};
byte fragment_3ol[8] = {
  B00111,
  B01111,
  B11000,
  B10000,
  B00000,
  B00000,
  B00000,
  B00111,
};
byte fragment_3or[8] = {
  B11000,
  B11100,
  B01110,
  B01110,
  B01110,
  B01110,
  B11100,
  B11000,
};
 byte fragment_3ul[8] = {
 B00111,
 B00000,
 B00000,
 B00000,
 B10000,
 B11000,
 B01111,
 B00111,
 };

void setup() {
  lcd.clear();
  lcd.createChar(1, fragment_1ol);
  lcd.createChar(2, fragment_1or);
  lcd.createChar(3, fragment_1ur);
  lcd.createChar(4, fragment_4ul);
  lcd.createChar(5, fragment_4ur);
  lcd.createChar(6, fragment_3ol);
  lcd.createChar(7, fragment_3or);
  lcd.createChar(8, fragment_3ul);

  lcd.begin(16, 2);
  lcd.clear();
}
```

```
void loop()
{
  lcd.setCursor(0, 0);
  lcd.print("Diesel  ");
  lcd.write(1);
  lcd.write(2);
  lcd.print(" ");
  lcd.write(1);
  lcd.write(2);
  lcd.write(6);
  lcd.write(7);
  lcd.print("9");
  lcd.setCursor(0, 1);
  lcd.print("ultimate ");
  lcd.write(3);
  lcd.print(",");
  lcd.write(4);
  lcd.write(5);
  lcd.write(8);
  lcd.write(7);
  lcd.print(" ");
 }
```