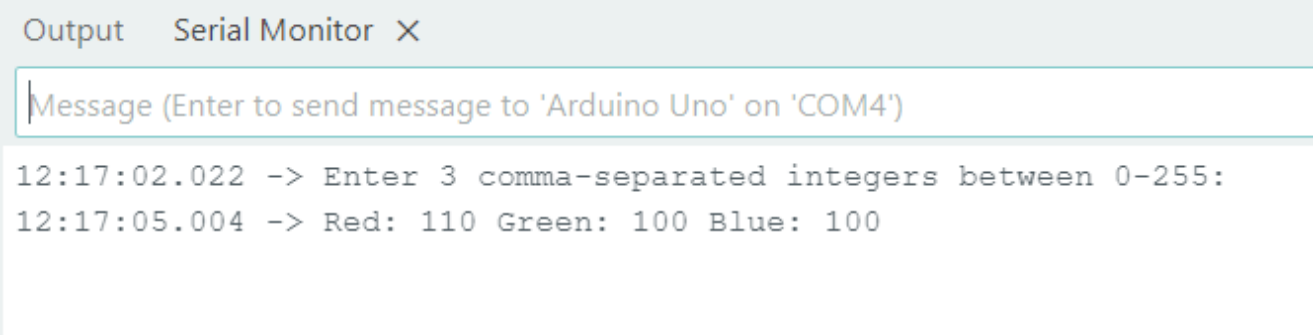
Exercise 7

7a:
An RGB value defines a specific color based on how much red (R), green (G) and blue (B) is in it. Together red, green and blue can create any color on screen, when lighting is added.

RGB values use the interval from 0-255 (8 bits/1 byte) for each color channel. This means that $256^3 \approx 16.7$ million colors can be represented on screen. The choice of 8 bits per channel is therefore more than enough to represent most colors.

7b:
`Serial.parseInt()` returns the first integer number received on the serial.

7c: Entering the message 110,100,100
Also refer to the code 7_ascii_enc_str.



7d:
Refer to the code 7_ascii_enc_str.