## EECS 22: Advanced C Programming Week 6

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Posterize
Bit Operation unsigned char mask8 = 0xFF; ⇔ 1111 1111 unsigned char mask1 = 0x1; ⇔ 0000 0001 unsigned char mask4 = 0xF; ⇔ 0000 1111
<pre>Shifting bits mask4 &lt;&lt; 1; =&gt; 0001 1110 mask4 &gt;&gt; 1; =&gt; 0000 0111</pre>
<u>Combining bits:</u> mask1 & mask4; => 0000 0001 mask1   mask4; => 0000 1111
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