

Bangalore

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21.09.2014

Programming Diwali Lights with Arduino

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Welcome !



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Bangalore

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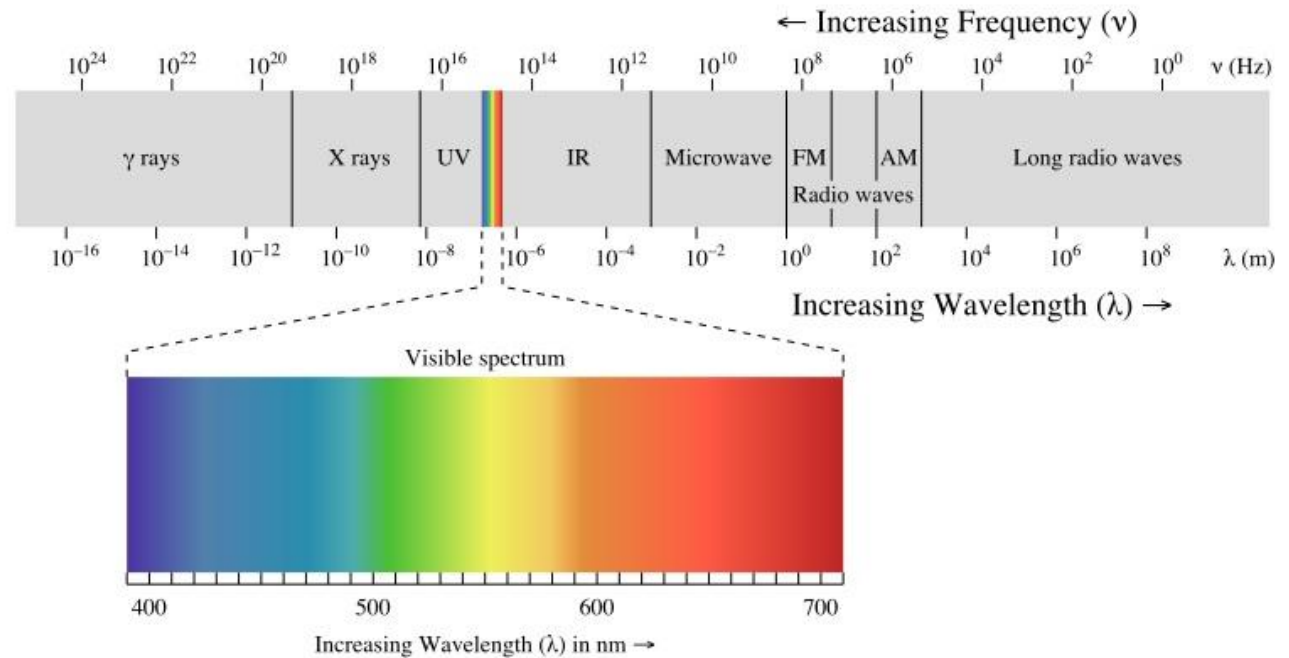
What will we make ?

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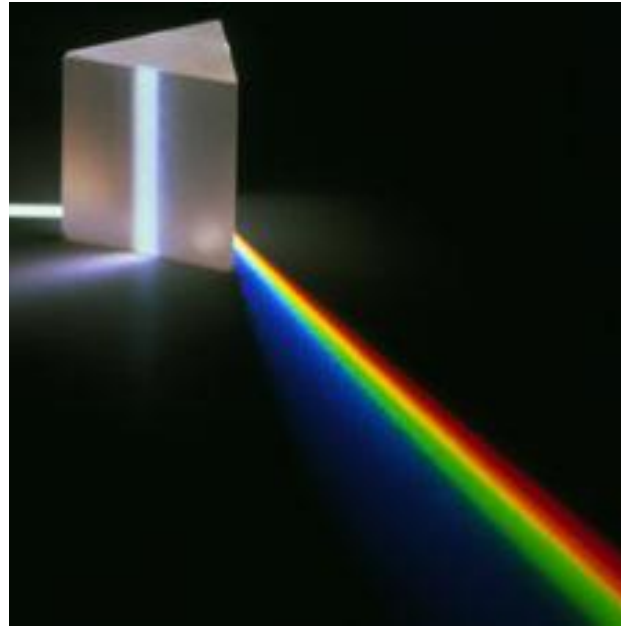
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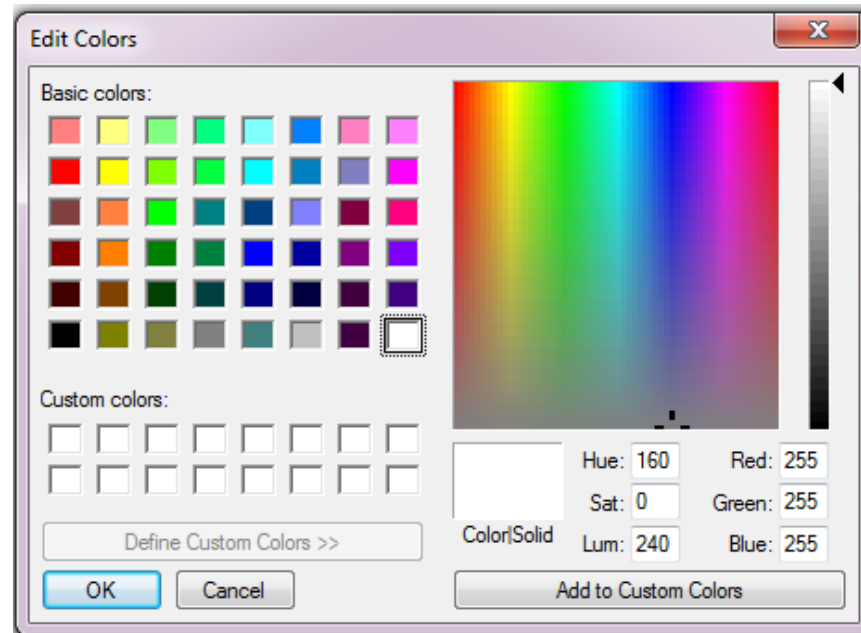


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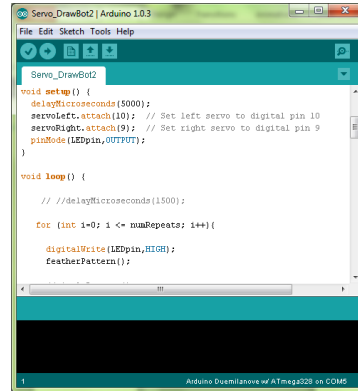


- Light is composed of components
- Color of light is determined by the amount of each component
- In computers, this is done by three numbers

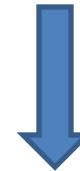
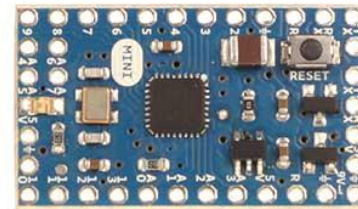
<http://www.bbc.co.uk/schools/gcseb/itesize/science/images/prism.jpg>



R | G | B = Color  
0 | 255 | 0 = Color



Your program  
(sketch)



LED

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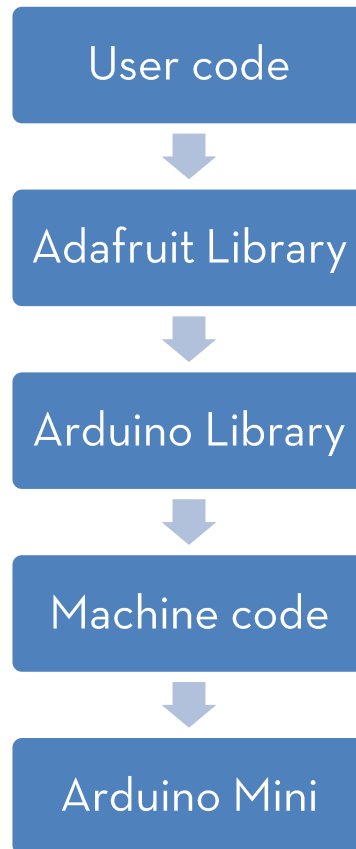
Plug it on !

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Let's get started !