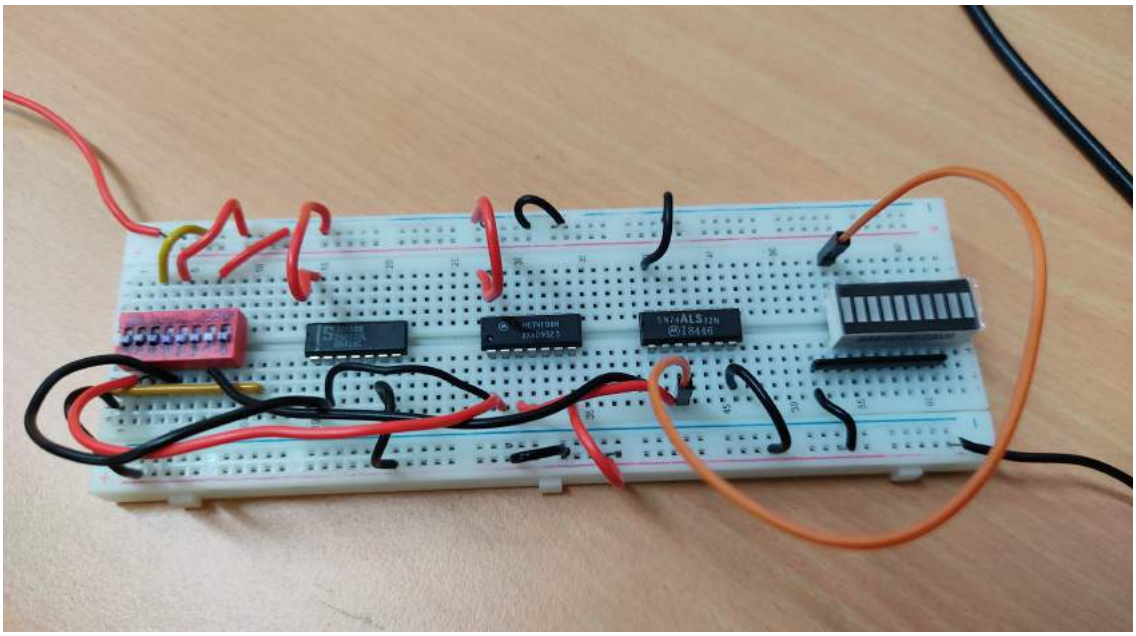
Implementation using Basic gates:



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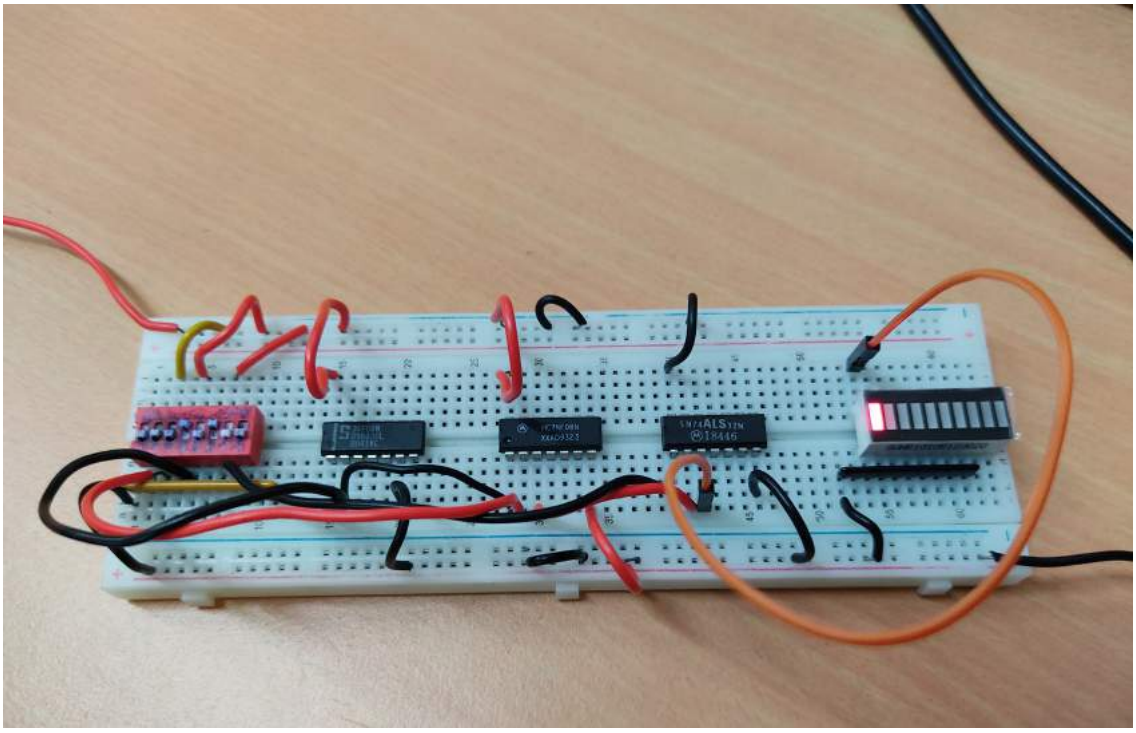

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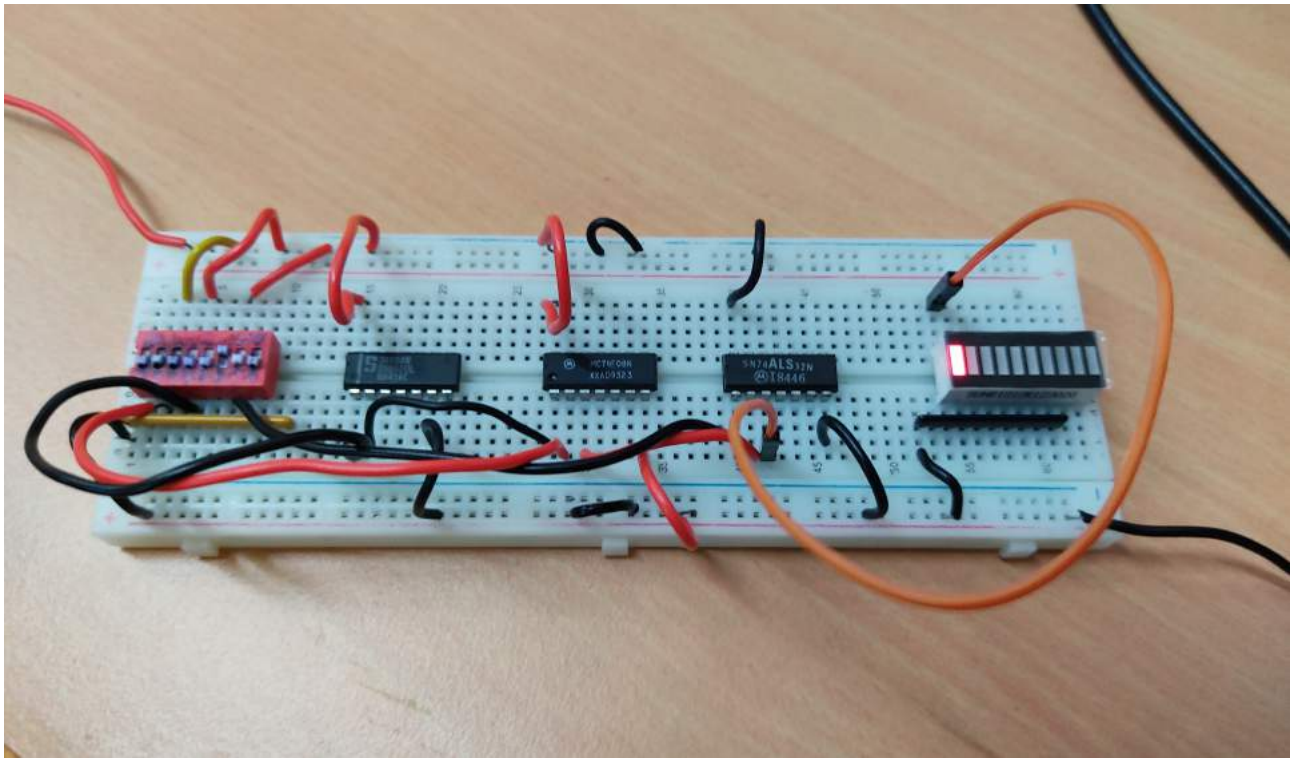

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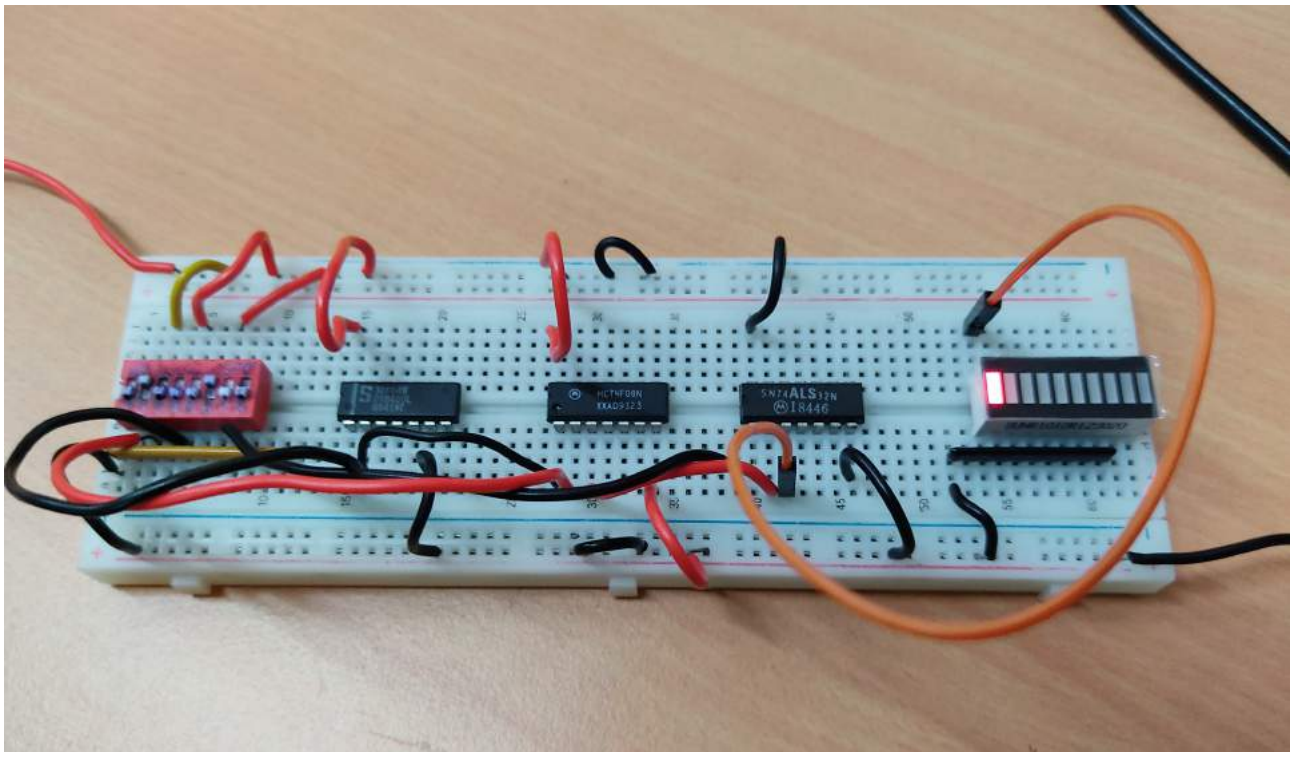

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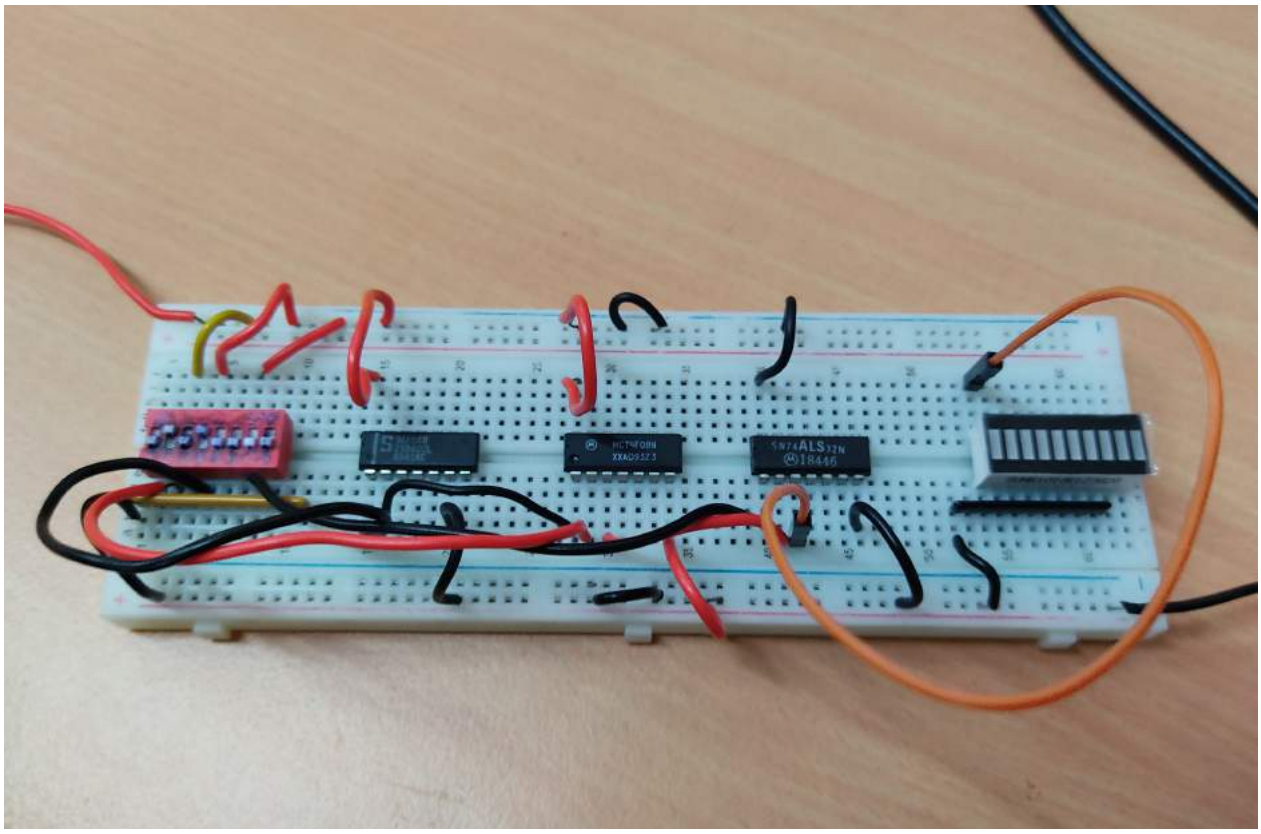

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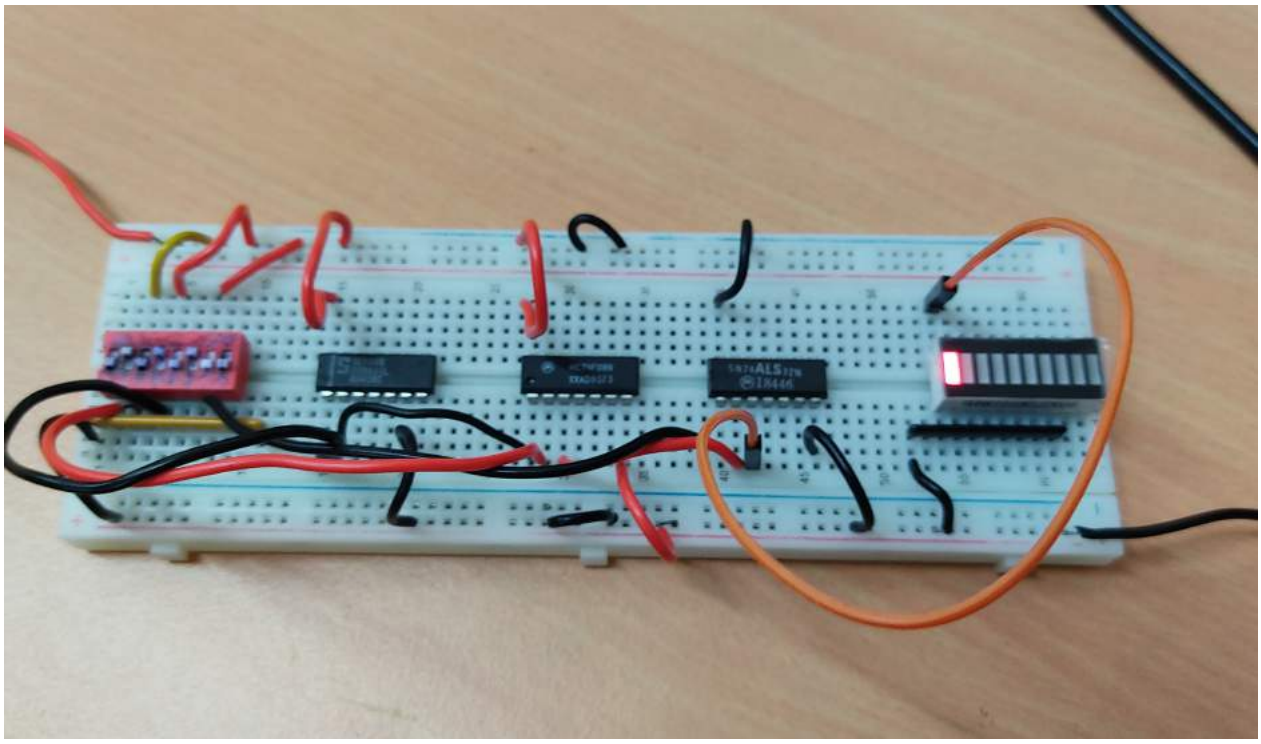

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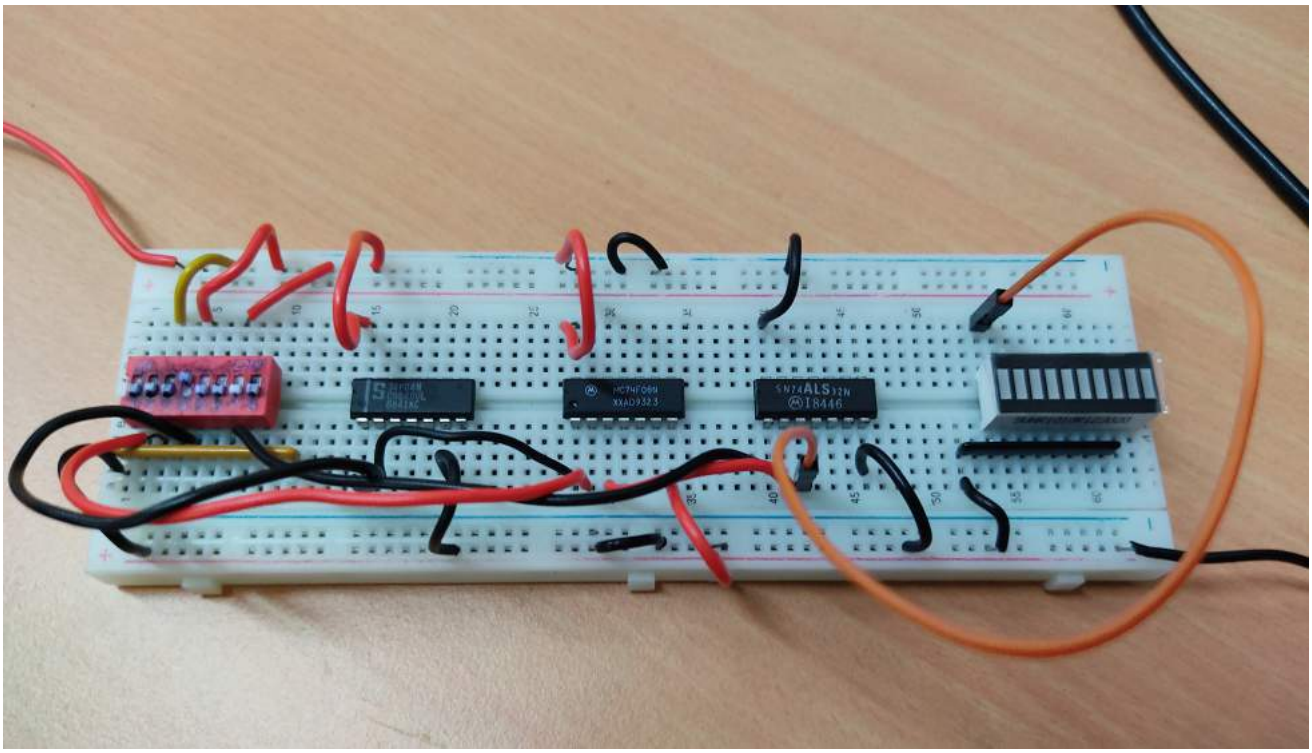

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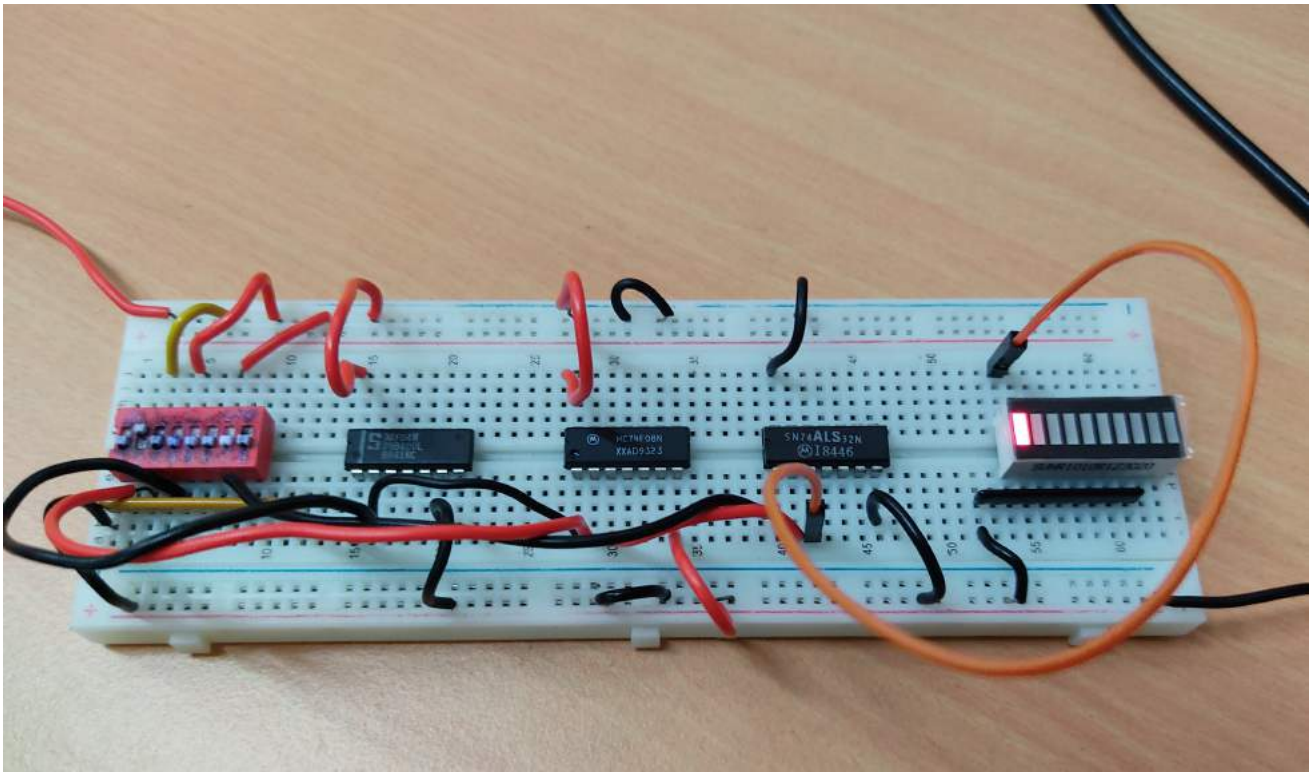

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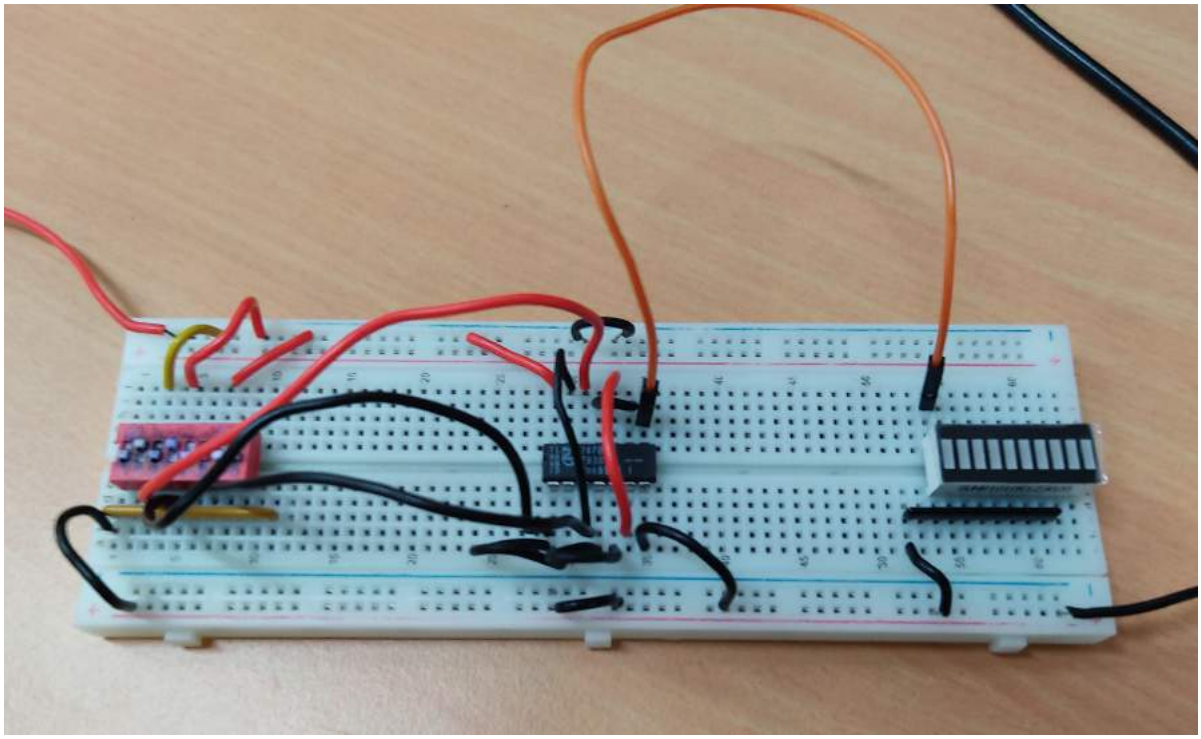
Implementation using NAND gate:



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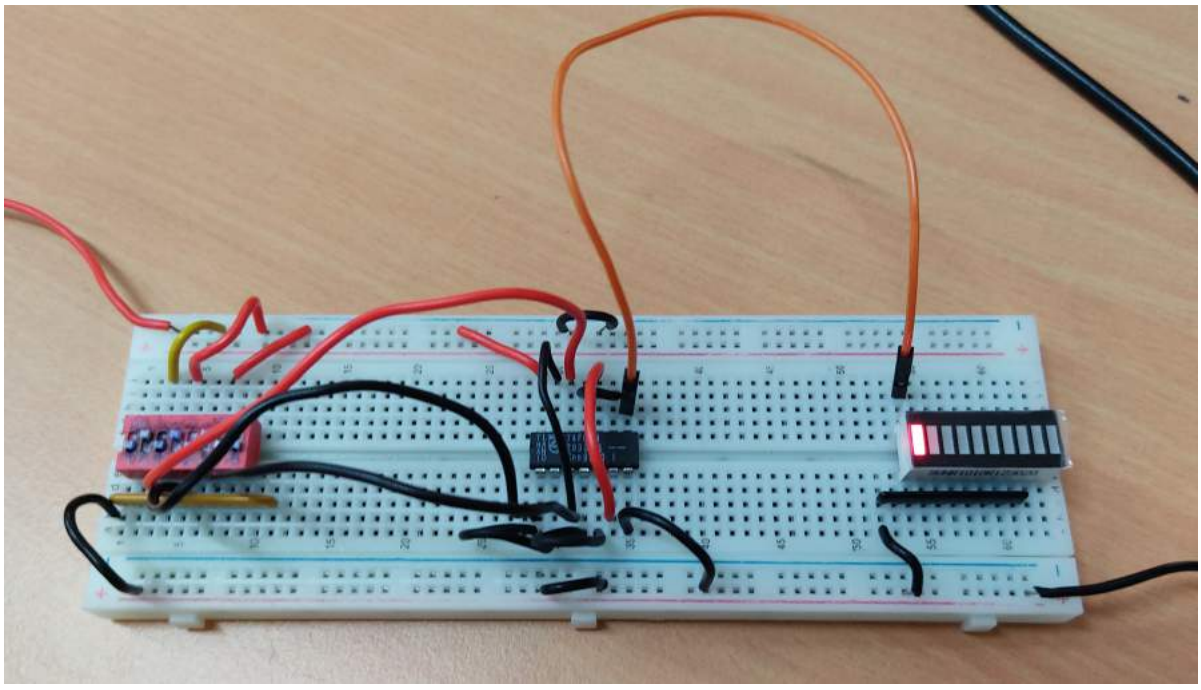

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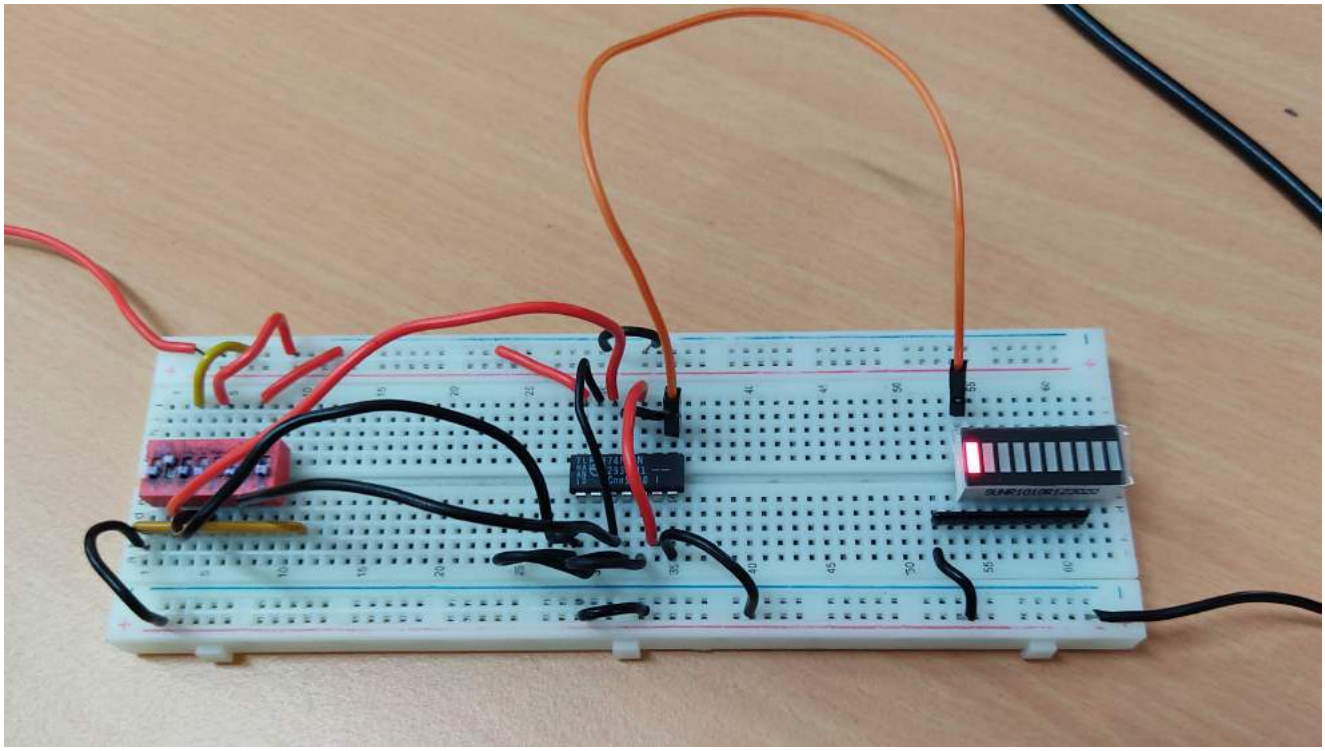

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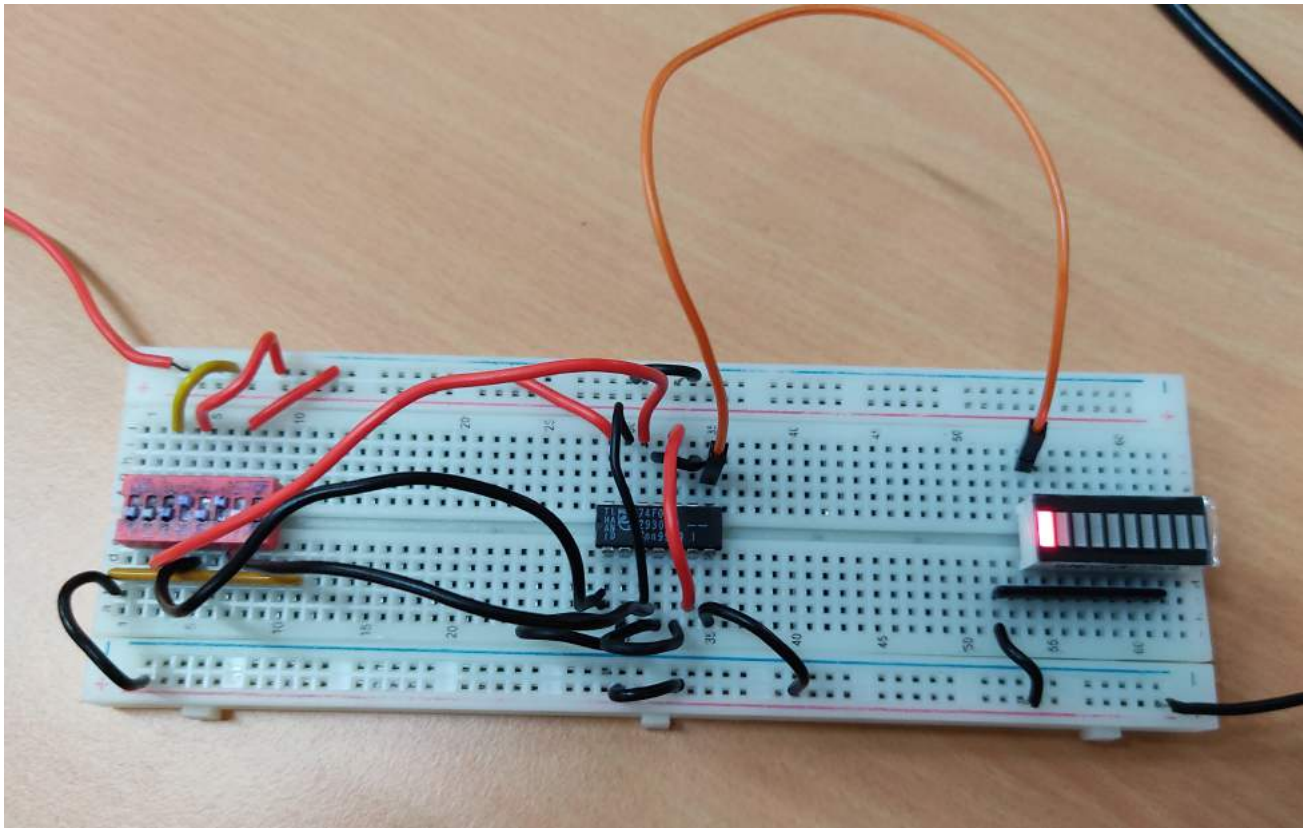

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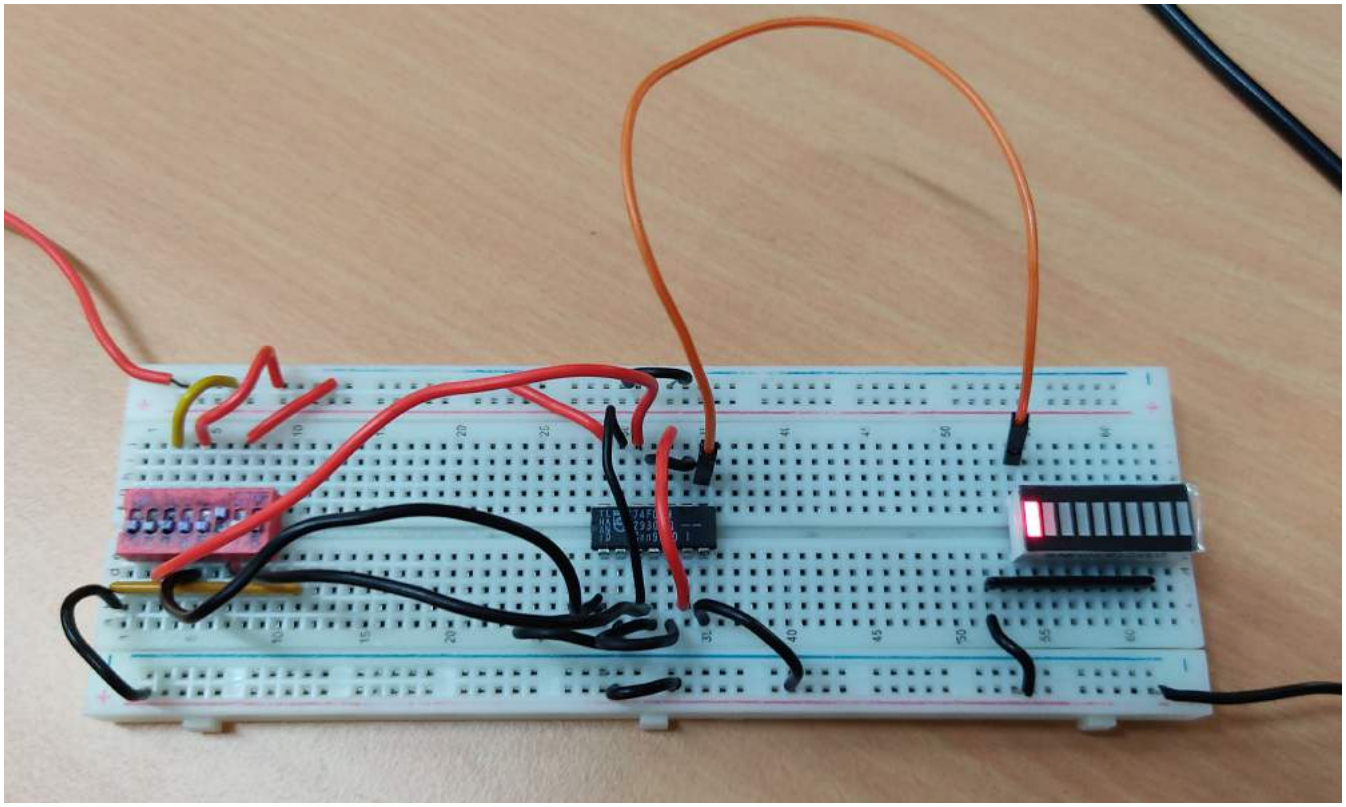

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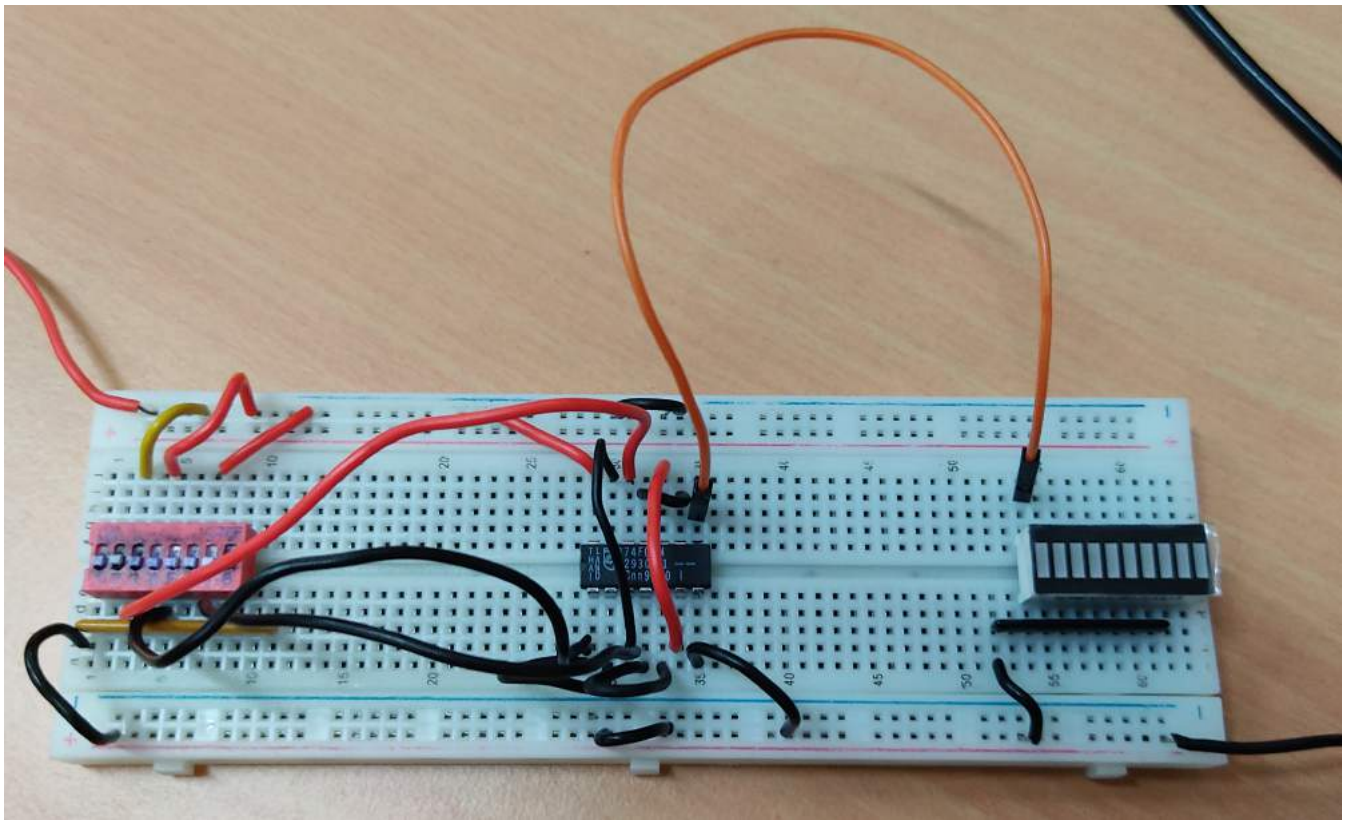

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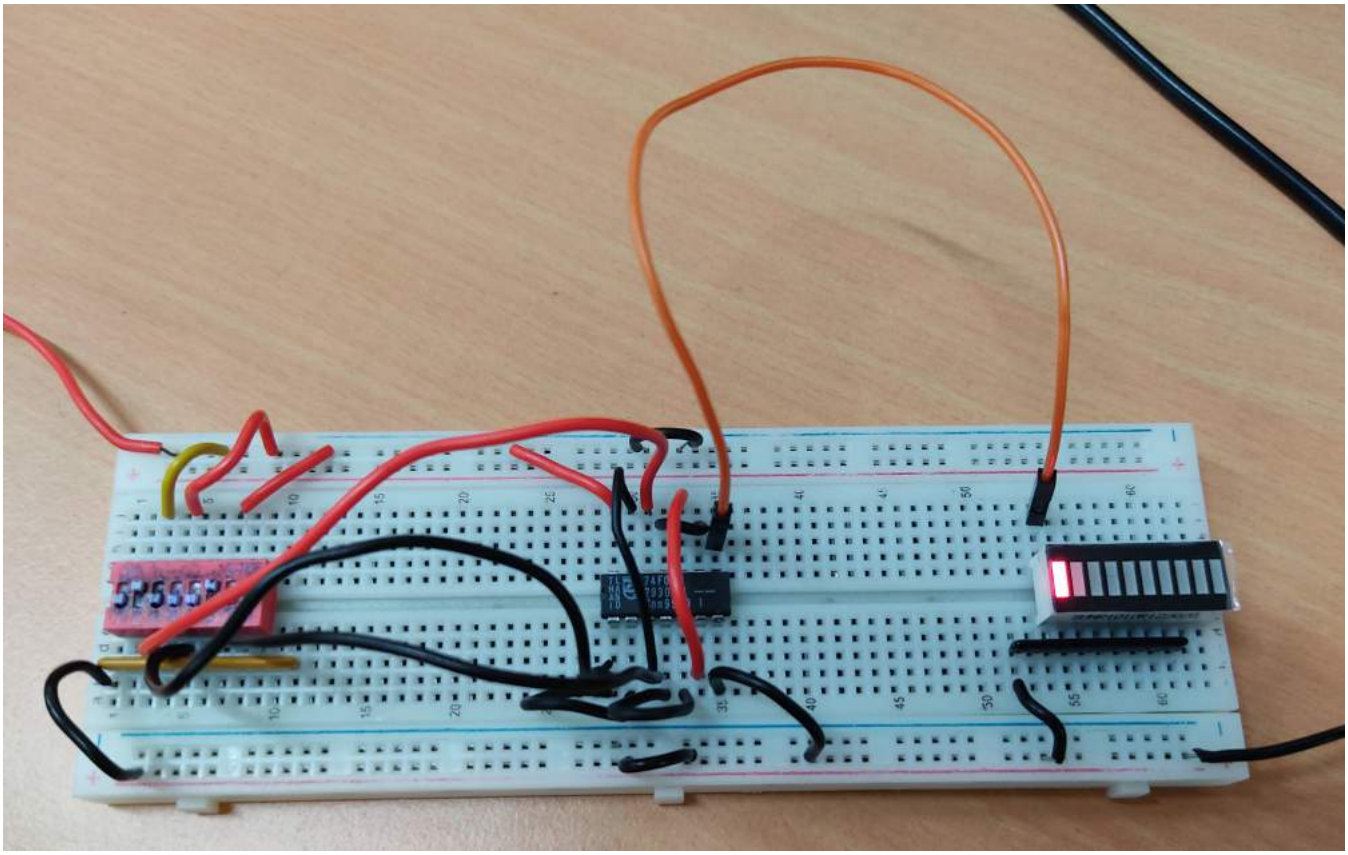

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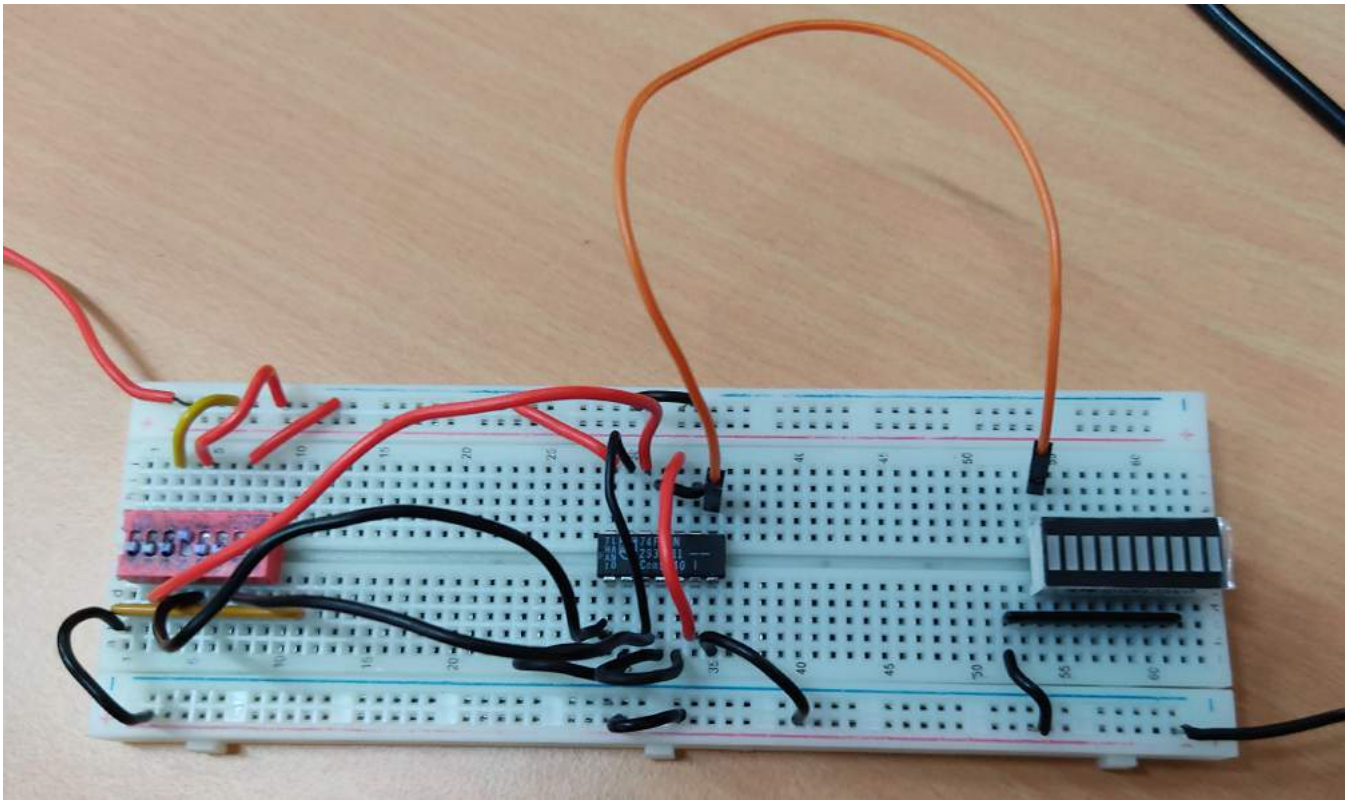

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