**AVALIAÇÃO INDIVIDUAL**

Lucas Azevedo Dias

1. Primeira questão:
   1. Resposta:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | D | LED A | LED B | LED C | LED D | LED E | LED F | LED G |
| 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 |
| 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 |
| 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 0 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 1 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 |

\*Obs.: Está resolvido também através do programa em <https://replit.com/@FunNyLuAz/Trabalho-8-Mapas-de-Karnaugh>.

* 1. Resposta:
* LED A

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 |  | 1 | 1 |
| 01 |  | 1 | 1 | 1 |
| 11 | 1 |  | 1 | 1 |
| 10 | 1 | 1 |  | 1 |

* LED B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 | 1 | 1 | 1 |
| 01 | 1 |  | 1 |  |
| 11 |  | 1 |  |  |
| 10 | 1 | 1 |  | 1 |

* LED C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 | 1 | 1 |  |
| 01 | 1 | 1 | 1 | 1 |
| 11 |  | 1 |  |  |
| 10 | 1 | 1 | 1 | 1 |

* LED D

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 |  | 1 | 1 |
| 01 |  | 1 |  | 1 |
| 11 | 1 | 1 |  | 1 |
| 10 | 1 | 1 | 1 |  |

* LED E

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 |  |  | 1 |
| 01 |  |  |  | 1 |
| 11 | 1 | 1 | 1 | 1 |
| 10 | 1 |  | 1 | 1 |

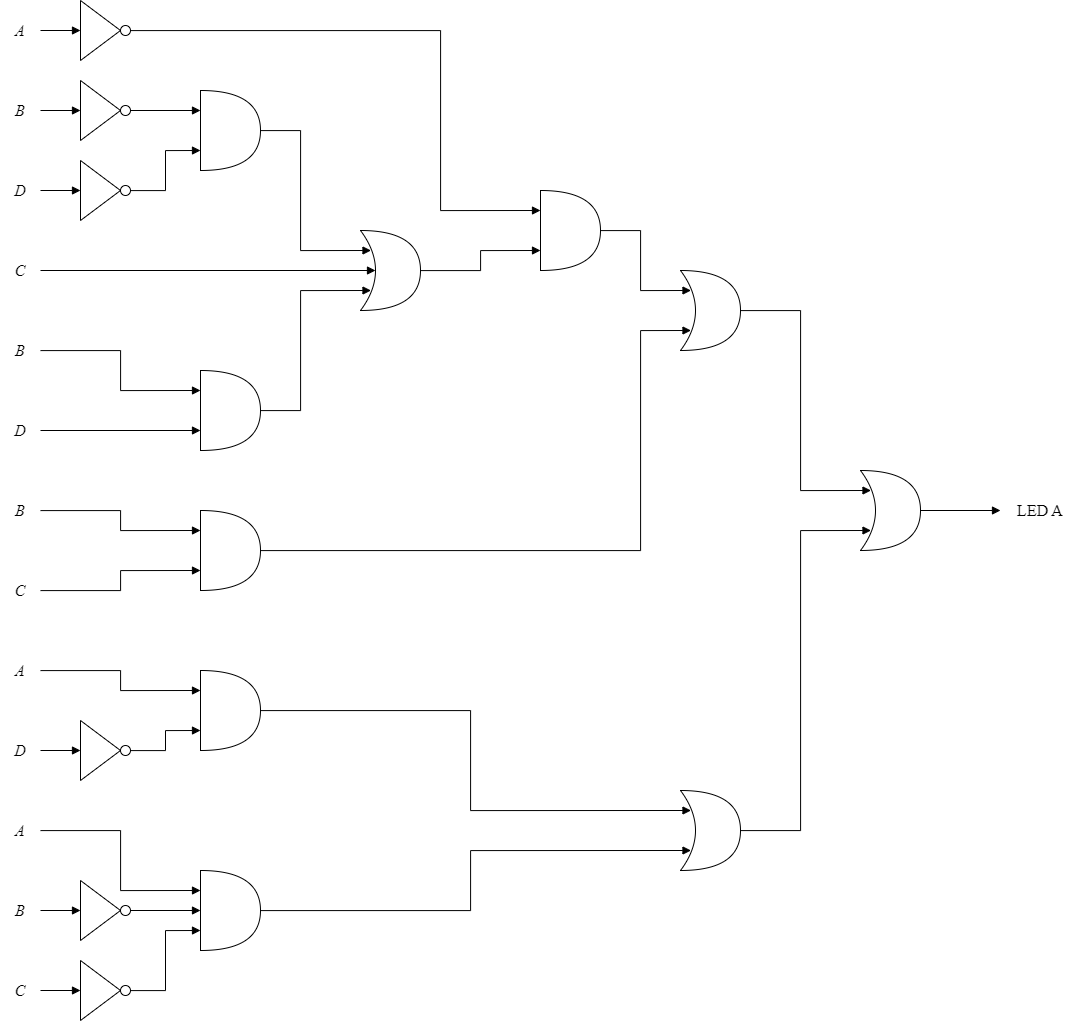
* LED F

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 | 1 |  |  |  |
| 01 | 1 | 1 |  | 1 |
| 11 | 1 |  | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |

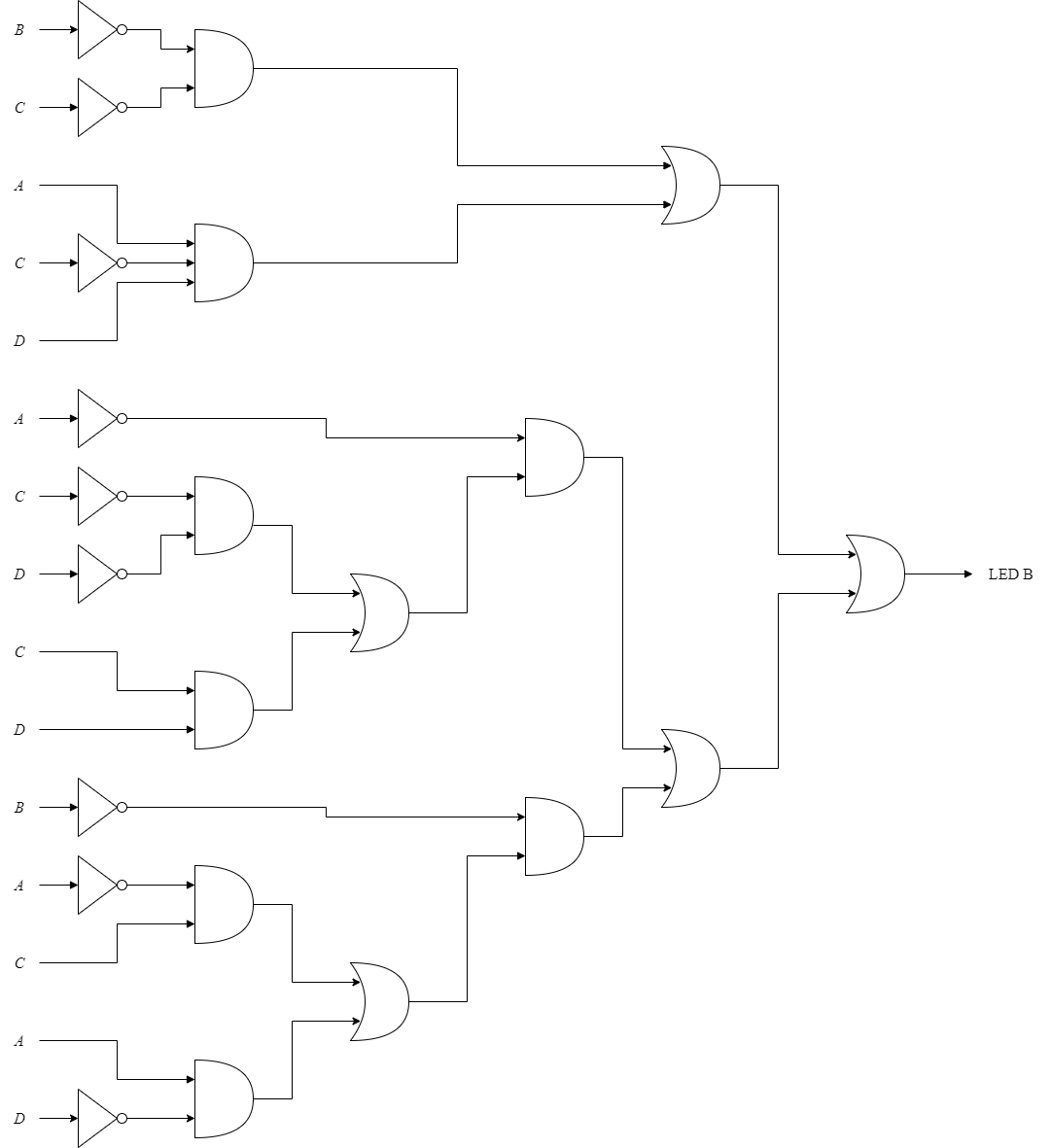
* LED G

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ABCD | 00 | 01 | 11 | 10 |
| 00 |  |  | 1 | 1 |
| 01 | 1 | 1 |  | 1 |
| 11 |  | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |

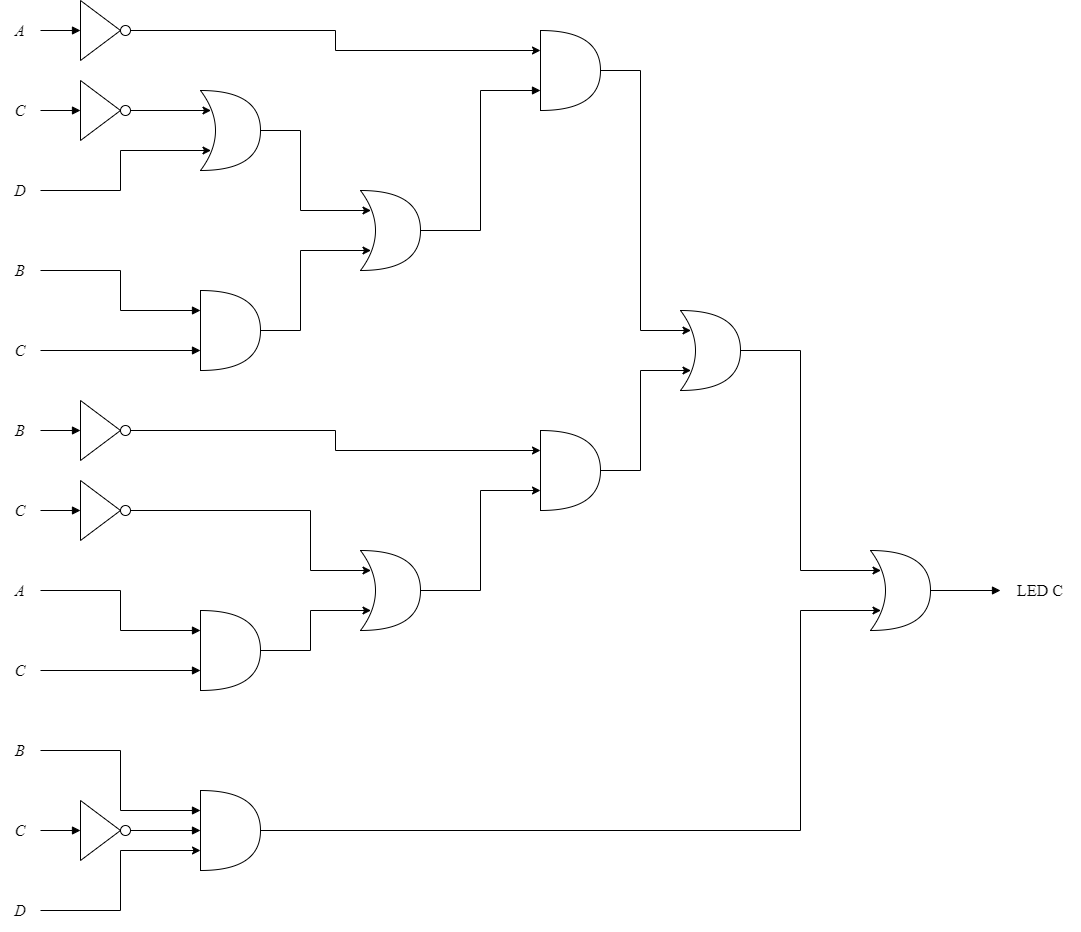
* 1. Resposta:
* LED A



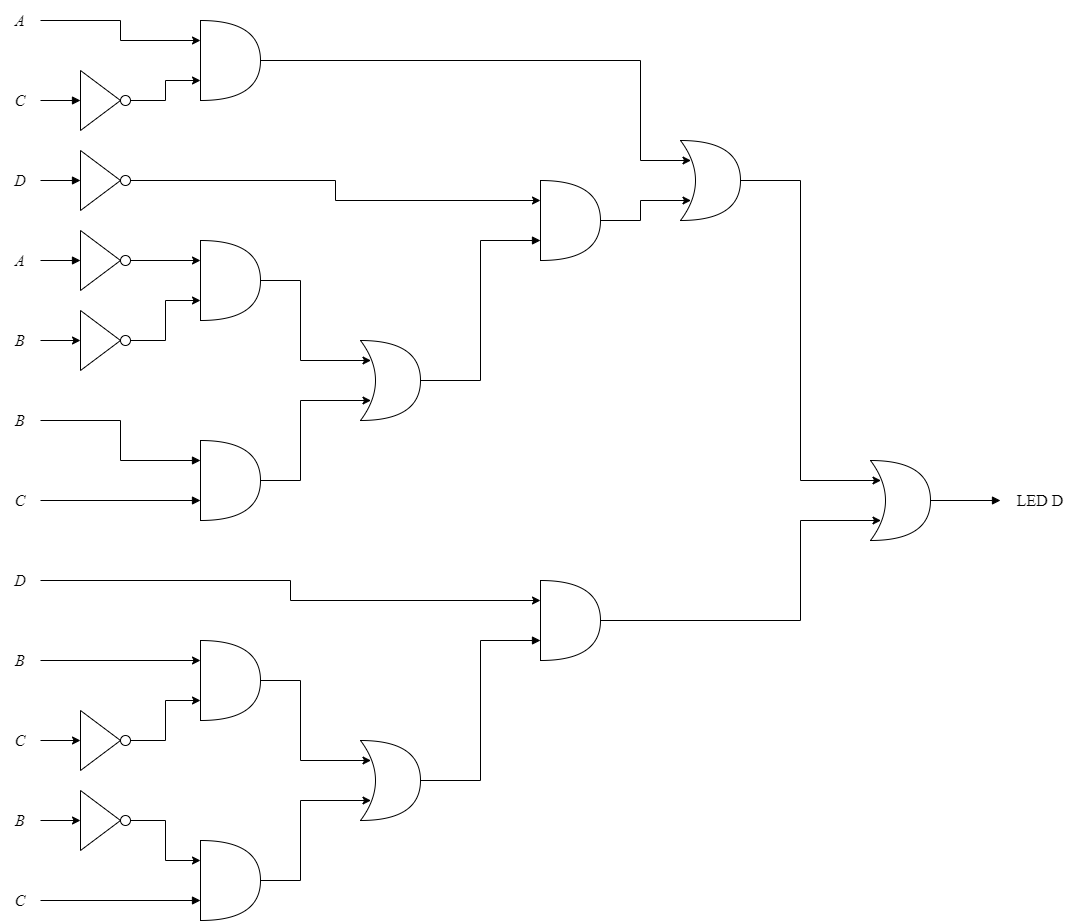
* LED B



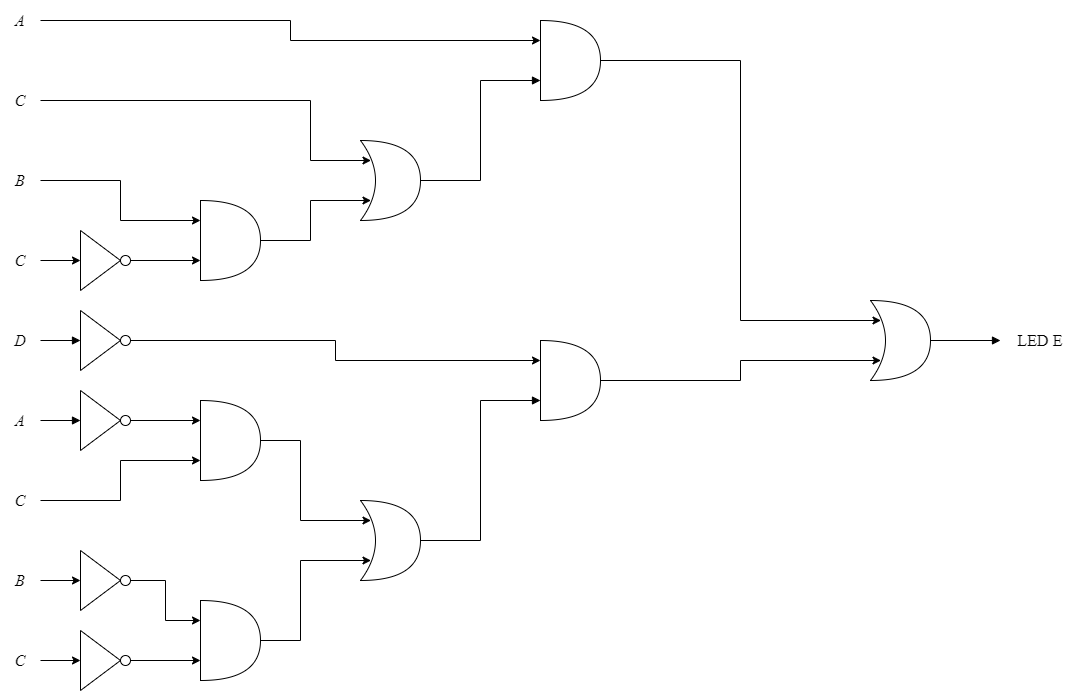
* LED C



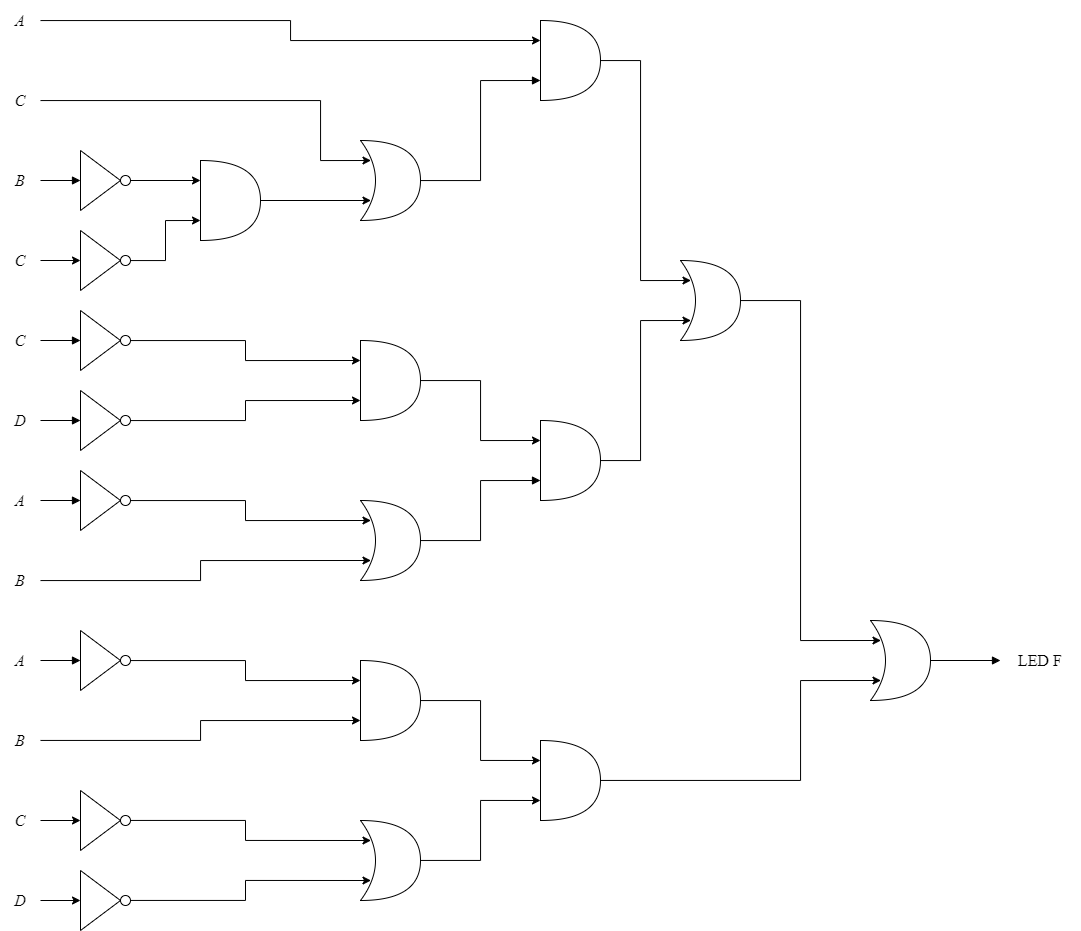
* LED D



* LED E



* LED F



* LED G

