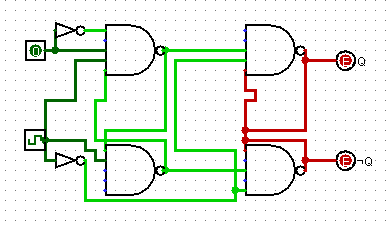
Лабораторная работа №5

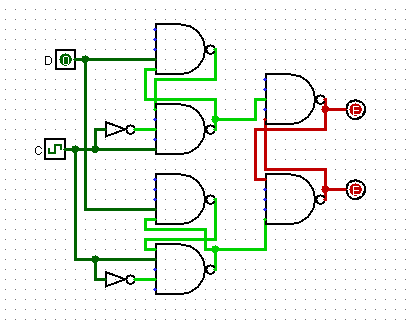
Изучение работы D, T и JK триигеров в программе Logisim

**D триггер**

|  |  |  |
| --- | --- | --- |
| D | Q | Q2 |
| 0 | 1 | 0 |
| 1 | 1 | 1 |

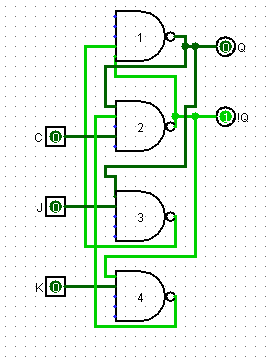
 **T триггер**

|  |  |  |
| --- | --- | --- |
| C | D | Q |
| ⇮ | 0 | 0 |
| ⇮ | 1 | 1 |
| 0/1 | X | Q |



**JK триггеров**

|  |  |  |
| --- | --- | --- |
| J | K | Q |
| 0 | 0 | Q |
| 0 | 1 | 0 |
| 1 | 0 | 1 |
| 1 | 1 | Not q |

**Временная диаграмма:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| T | 0 | 1 | 2 | 3 | 4 |
| C | 0 | 1 | 0 | 1 | 0 |
| D | 1 | 1 | 0 | 0 | 1 |
| Q | 0 | 1 | 1 | 0 | 0 |