**ВСТАВКА**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | начало | | | середина | | | конец | | |
|  | 100 | 10 000 | 1\_000\_000 | 100 | 10 000 | 1\_000\_000 | 100 | 10 000 | 1\_000\_000 |
| ArrayList | 0 | 7 | 82978 | 0 | 4 | 27135 | 0 | 1 | 32 |
| LinkedList | 0 | 2 | 189 | 0 | 64 |  | 0 | 2 | 186 |

**УДАЛЕНИЕ**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | начало | | | середина | | | конец | | |
|  | 100 | 10 000 | 1\_000\_000 | 100 | 10 000 | 1\_000\_000 | 100 | 10 000 | 1\_000\_000 |
| ArrayList | 0 | 7 | 76998 | 0 | 4 | 25828 | 0 | 2 | 9 |
| LinkedList | 0 | 2 | 23 | 0 | 54 |  | 0 | 2 | 26 |