**ДЗ-2 SQL (Select, update, join, агрегатные функции)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **film** | |  |  | | **id** | **name** | **budget** | **id\_ director** | | 1 | shawshank redemption | 25 | 2 | | 2 | godfather | 6 | 6 | | 3 | godfather2 | 13 | 6 | | 4 | dark knight | 185 | 1 | | 5 | schindler list | 22 | 5 | | 6 | pulp fiction | 8 | 3 | | 7 | lord of the rings3 | 94 | 4 | | 8 | green mile | 60 | 2 | | |  |  | | --- | --- | | **director** | | | **id** | **name** | | 1 | nolan | | 2 | darabont | | 3 | tarantino | | 4 | jackson | | 5 | spielberg | | 6 | coppola | |

1. **Используя оператор LIKE, выведите две части фильма Крёстный отец. В выборке должны быть все столбцы**

|  |  |  |  |
| --- | --- | --- | --- |
| 2 | godfather | 6 | 6 |
| 3 | godfather2 | 13 | 6 |

1. **Сделайте выборку названия фильма и его бюджета в порядке возрастания: от наименьшего до самого дорогого.**

|  |  |
| --- | --- |
| godfather | 6 |
| pulp fiction | 8 |
| godfather2 | 13 |
| schindler list | 22 |
| shawshank redemption | 25 |
| green mile | 60 |
| lord of the rings3 | 94 |
| dark knight | 185 |

1. **Сделайте выборку 3-х самых дорогих фильмов (id, name, budget) с помощью LIMIT**

|  |  |
| --- | --- |
| dark knight | 185 |
| lord of the rings3 | 94 |
| green mile | 60 |

1. **С помощью агрегатной функции посчитайте количество записей в таблице director**

|  |
| --- |
| **COUNT(id)** |
| 6 |

1. **Какой суммарный бюджет был у всех фильмов режиссёра с id\_director = 6**

|  |
| --- |
| **SUM(budget)** |
| 19 |

1. **Внесите следующие изменения в таблицу film:**

* green mile – forrest gump
* 60 – null
* 2 – null

1. **Сделайте выборку названий фильмов и их режиссёров. Выборка не должна содержать null**

|  |  |
| --- | --- |
| **name** | **director** |
| shawshank redemption | darabont |
| godfather | coppola |
| godfather2 | coppola |
| dark knight | nolan |
| schindler list | spielberg |
| pulp fiction | tarantino |
| lord of the rings3 | jackson |

1. **Сделайте выборку всех значений из таблицы film и режиссёров этих фильмов**

|  |  |
| --- | --- |
| **name** | **director** |
| shawshank redemption | darabont |
| godfather | coppola |
| godfather2 | coppola |
| dark knight | nolan |
| schindler list | spielberg |
| pulp fiction | tarantino |
| lord of the rings3 | jackson |
| forrest gump | null |