**ДЗ-3 SQL (Insert into, Select, update, join, агрегатные функции)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | **stars** | | |  | | **id** | **name** | **place** | **id\_phones** | | 1 | kate | berlin | 4 | | 2 | james | london | null | | 3 | homer | springfield | 6 | | 4 | adriano | rome | 1 | | 5 | hillary | new york | 1 | | 6 | vera | poltava | 5 | | 7 | tina | kiev | 3 | | 8 | leonardo | los angeles | 2 | | |  |  | | --- | --- | | **phones** | | | **id** | **model** | | 1 | null | | 2 | null | | 3 | null | | 4 | null | | 5 | null | | 6 | null | |

1. **Внести значения model в таблицу phones и после этого сделать id\_phones из таблицы stars внешним ключом для id в таблице phones**

|  |  |
| --- | --- |
| id | model |
| 1 | vertu |
| 2 | apple |
| 3 | samsung |
| 4 | meizu |
| 5 | siemens |
| 6 | lenovo |

1. **Сделать выборку жителей Берлина, Спрингфилда и Киева. Вывести id, name, place**

|  |  |  |
| --- | --- | --- |
| 1 | kate | berlin |
| 3 | homer | springfield |
| 7 | tina | kiev |

1. **Заменить место жительства Веры с Полтавы на Киев**
2. **Посчитайте количество строк в таблице phones**

|  |
| --- |
| COUNT(model) |
| 6 |

1. **Сделать выборку: имя + модель телефона**

|  |  |
| --- | --- |
| kate | meizu |
| homer | lenovo |
| adriano | vertu |
| hillary | vertu |
| vera | siemens |
| tina | samsung |
| leonardo | apple |

1. **Вывести значения: имя + телефон apple**

|  |  |
| --- | --- |
| leonardo | apple |

1. **Вывести значения имя + телефон + населенный пункт Киев**

|  |  |  |
| --- | --- | --- |
| vera | siemens | kiev |
| tina | samsung | kiev |

1. **Сделать выборку: имя (даже если телефона нет) + модель телефона**

|  |  |
| --- | --- |
| kate | meizu |
| james | null |
| homer | lenovo |
| adriano | vertu |
| hillary | vertu |
| vera | siemens |
| tina | samsung |
| leonardo | apple |