

Рабочая тетрадь №3

База данных: ***Redis***

Рабочая тетрадь №3

Основные требования:

- *Выполнение команд производится в терминале или в графическом редакторе*
- *Результат работы команды предоставляется в виде скриншота*
- *Оформление ведется в удобном текстовом редакторе*

- *Рабочие тетради должны предоставляться на проверку в формате .pdf*

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> hset first name "Alice's adventure in Wonderland"
(integer) 1
127.0.0.1:6379[1]> hset second name "The story of the three little pigs"
(integer) 1
127.0.0.1:6379[1]> hset third name "Crime and Punishment"
(integer) 1
127.0.0.1:6379[1]> hset fourth name "The Happy Prince"
(integer) 1
127.0.0.1:6379[1]> hset fith name "The Adventures of Sherlock Holmes"
(integer) 1
```

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> lpush list 5 4 3 2 1  
(integer) 5
```

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> hget first name
"Alice's adventure in Wonderland"
127.0.0.1:6379[1]> hset first author "L. Carroll"
(integer) 1
127.0.0.1:6379[1]> hget second name
"The story of the three little pigs"
127.0.0.1:6379[1]> hset second author "None"
(integer) 1
127.0.0.1:6379[1]> hget third
(error) ERR wrong number of arguments for 'hget' command
127.0.0.1:6379[1]> hget thirdname
(error) ERR wrong number of arguments for 'hget' command
127.0.0.1:6379[1]> hget third name
"Crime and Punishment"
127.0.0.1:6379[1]> hset third author "Fyodor Dostoyevsky"
(integer) 1
127.0.0.1:6379[1]> hget fourth name
"The Happy Prince"
127.0.0.1:6379[1]> hset fourth author "Oscar Wilde"
(integer) 1
127.0.0.1:6379[1]> hget fith name
"The Adventures of Sherlock Holmes"
127.0.0.1:6379[1]> hset fith author "Arthur Conan Doyle"
(integer) 1
127.0.0.1:6379[1]> hset first year 1865
(integer) 1
127.0.0.1:6379[1]> hset second year "None"
(integer) 1
127.0.0.1:6379[1]> hset third year 1866
(integer) 1
127.0.0.1:6379[1]> hset fourth year 1888
(integer) 1
127.0.0.1:6379[1]> hset fith year 1905
(integer) 1
127.0.0.1:6379[1]> hset first genre "fairy tale"
(integer) 1
127.0.0.1:6379[1]> hset second genre "fairy tale"
(integer) 1
127.0.0.1:6379[1]> hset third genre "novel"
(integer) 1
127.0.0.1:6379[1]> hset fourth genre "story"
(integer) 1
127.0.0.1:6379[1]> hset fith genre "detective story"
(integer) 1
```

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> select 2
OK
127.0.0.1:6379[2]> hset first name "Crime and Punishment"
(integer) 1
127.0.0.1:6379[2]> hset second name "The DEvoted Friend"
(integer) 1
127.0.0.1:6379[2]> hset third name "Peter Pan and Wendy"
(integer) 1
```

Рабочая тетрадь №3

```
127.0.0.1:6379[3]> SADD library1 "Crime and Punishment" "The Devoted Friend" "Peter Pan and Wendy"  
(integer) 3  
127.0.0.1:6379[3]> SADD library2 "Alice's adventures in Wonderland" "The story of the three little pigs" "Crime and Punishment" "The Happy Prince" "The Adventures of Sherlock Holmes"  
(integer) 5  
127.0.0.1:6379[3]>
```


Рабочая тетрадь №3

```
127.0.0.1:6379[3]> sunion library1 library2
```

- 1) "The Adventures of Sherlock Holmes"
- 2) "Alice's adventures in Wonderland"
- 3) "The story of the three little pigs"
- 4) "Peter Pan and Wendy"
- 5) "Crime and Punishment"
- 6) "The Happy Prince"
- 7) "The Devoted Friend"

Не совсем понял условие задания 6
(есть в обеих библиотеках), имеется
ввиду пересечение или сумма мн-ств,
поэтому на этом скрине сделал сумму,
а на следующем пересечение.

```
127.0.0.1:6379[3]> sinter library1 library2
```

```
1) "Crime and Punishment"
```

```
127.0.0.1:6379[3]>
```

Рабочая тетрадь №3

```
127.0.0.1:6379[3]> sdiff library1 library2
1) "Peter Pan and Wendy"
2) "The Devoted Friend"
127.0.0.1:6379[3]> sdiff library2 library1
1) "The Adventures of Sherlock Holmes"
2) "Alice's adventures in Wonderland"
3) "The Happy Prince"
4) "The story of the three little pigs"
127.0.0.1:6379[3]> _
```

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> lrange list 0 1  
1) "1"  
2) "2"
```

Рабочая тетрадь №3

```
127.0.0.1:6379[1]> getset first "Emma"  
"Alice's adventure in Wonderland"  
127.0.0.1:6379[1]> get first  
"Emma"
```

Рабочая тетрадь №3

```
127.0.0.1:6379[3]> Smove library1 library2 "Crime and Punishment"  
(integer) 1  
127.0.0.1:6379[3]> Smove library1 library2 "The Devoted Friend"  
(integer) 1  
127.0.0.1:6379[3]> Smove library1 library2 "Peter Pan and Wendy"  
(integer) 1  
127.0.0.1:6379[3]> scard library1  
(integer) 0
```