

Работа на ЭВМ и
программирование
(группа 214)

Семестр 4

Контактная информация

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- alex.shundeev@gmail.com
- <http://group112.github.io/sem1.html>

База данных
(монолитное приложение)

teacher@workshop: ~/teach/sem/4/2023/db

teacher@workshop: ~/teach/sem/4/2023/db

teacher@workshop:~/teach/sem/4/2023/db\$./db a.db

```
teacher@workshop:~/teach/sem/4/2023/db$ ./db a.db
Query patterns:
select in_title=[str] year=[min, max] number=[min,max] from NUMBER
delete in_title=[str] year=[min, max] number=[min,max]
insert journal=[name] year=[year] number=[number] author=[name] article=[name]
save
clear

> █
```

teacher@workshop: ~/teach/sem/4/2023/db

teacher@workshop: ~/teach/sem/4/2023/db

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teacher@workshop:~/teach/sem/4/2023/db$ ./db a.db
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```
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```

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insert journal=[name] year=[year] number=[number] author=[name] article=[name]
```

```
save
```

```
clear
```

```
> select
```

```
Файл Правка Вид Терминал Вкладки Справка
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> select
Status: ok

JOURNAL | YEAR | NUMBER | AUTHOR | ARTICLE
Duke Mathematical Journal | 2019 | 06 | Kyuqfjkxyqvnrtsfrzrmz | Ygfveulqfp
Duke Mathematical Journal | 1999 | 10 | Ldqrrcrwdnxeu | Qqeklaitgdphcspijthbsfy
fvladz
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Total: 15

> █
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```

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Status: ok

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Total: 3

>

Duke Mathematical Journal	2019	06	Kyuqfjkxyqvnrtysfrzrmz	Ygfveulqfp
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Total: 3

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fvldz
Journal of Mathematical Physics | 2015 | 10 | Ukklrwqaozm | Xrpifeffecclhbvfukbyeqfq
ojl
Journal of Differential Geometry | 1983 | 11 | Oileeztxwjlknbgqmbxqcqptk | Hqrqdwfcayssyoqcjomwufb
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Total: 3

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> sellect
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Status: undefined query type

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teacher@workshop: ~/teach/sem/4/2023/db

teacher@workshop: ~/teach/sem/4/2023/db

```

fvladz
Journal of Mathematical Physics | 2015 | 10 | Ukklrwqaozm | Xrpifeffecclhbvfukbyeqfq
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```

Total: 3

> sellect

Status: undefined query type

> select in_title=[Vaal] year=[2000, 2020]

JOURNAL	YEAR	NUMBER	AUTHOR	ARTICLE
Journal of Differential Geometry	1970	07	Govqzgdixrpddzplc	Wnqwqecyjiyibfjykt
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JOURNAL	YEAR	NUMBER	AUTHOR	ARTICLE
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Total: 1

> delete year=[2000, 2020] number=[4,4] number=[9,9] year=[1988,1988]

Status: ok

Total: 12

> █

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br
Journal of Differential Geometry | 1986 | 03 | Jvceziftiqnttfsrptugtiz | Orvonzjfeacgamayapwlbmbz
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Journal of Differential Geometry ir	1986	03	Jvceziftiqntntfsrptugtiz	Orvonzjfeacgamayapwlmbz
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Status: ok
Total: 12
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Journal of Differential Geometry | 1977 | 08 | Qltvzkqtpvolphckcy | Fdqmlglimklfzktgygdtt
Duke Mathematical Journal | 1983 | 07 | Vfdfbrpzlkvshwywshtd | Mbqbkxcvguf
Journal of Combinatorial Theory | 2000 | 08 | Mvytbytnuqhmfjaqtgngcwuz | Amnerphfmwevhwlezohyeeh
br
Journal of Differential Geometry | 1986 | 03 | Jvceziftiqntntfsrptugtiz | Orvonzjfeacgamayapwlmzb
ir
Journal of Mathematical Physics | 1991 | 05 | Zzkosvnknberbltlkkgdglj | Syltmmfvhybljvkypcflsaq
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Journal of Mathematical Physics | 1991 | 05 | Zzkosvnknberbltlkggdgpjlf | Syltmmfvhybljvkypcflsaq
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Status: ok

JOURNAL | YEAR | NUMBER | AUTHOR | ARTICLE
Duke Mathematical Journal | 2019 | 06 | Kyuqfjkxyqvnrtysfrzrmz | Ygfveulqfp
Duke Mathematical Journal | 1999 | 10 | Ldqrccrwdnxeu | Qqeklaitgdphcspijthbsfy
fvladz
Journal of Mathematical Physics | 2015 | 10 | Ukklrwqaozm | Xrpifeffecclhbvfukbyeqfq
ojl
Journal of Differential Geometry | 1983 | 11 | Oileeztxwjlknqbqmbxqcqptk | Hqrqdwfcayssyoqcjomwufb
dj
Duke Mathematical Journal | 1987 | 09 | Dhiftak | Zvhsybloey
Journal of Topology | 2004 | 12 | ZbjbkrxirimqpzwmsH | Pjhtazhbuxhwadlptoyezio
Journal of Differential Geometry | 1970 | 07 | Govqzgdixrpddzplc | Wnqwqecyjiyibfjykt
Journal of Differential Geometry | 1977 | 08 | Qltvzkqtpvolphckcy | Fdqmlglimklfzktgygdtt
Duke Mathematical Journal | 1983 | 07 | Vfdfbrpzlkvshwywshtd | Mbqbkkxcvguf
Journal of Combinatorial Theory | 2000 | 08 | Mvytbytnuqhmfjaqtgngcwuz | Amnerphfmwevhwlezohyeeh
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Journal of Differential Geometry | 1986 | 03 | Jvceziftiqnttfsrptugtiz | Orvonzjfeacgamayapwlbz
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Journal of Mathematical Physics | 1991 | 05 | Zzkosvnknberbltlkggdgpjlf | Syltmmfvhybljvkypcflsaq
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hello world | 2000 | 06 | genius | new article

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