

Python. Лабораторная 1. Примеры ввода/вывода

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Начальное положение программы. Главное меню:

```
MINGW64; d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

1) Print all the records in the book
2) Find current records in the book
3) Add/Update a record
4) Delete a record

0) Exit the program

Choose one of the actions above:
```

Просмотр всех записей (команда 1):

```
MINGW64; d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Total count of the records: 14 records

First_name Last_name Mobile_phone Extra_phone Birthday Address
0 Egor Trukhin 1111111111 23.07.2001
1 Ilya Trukhin 1111111111
2 Vasya Pupkin 3333333333
3 Egor Pupkin 3333333333
4 Mara Zitvaa 60671317315 24.09.1983
5 Judy Beniamino 94275310111 04.03.2008 Fiji
6 Nataline Norrie 23121411791 59116184408 04.02.1986 Portugal
7 Perry Fontana 27664573649 92080705278 21.09.1903 Honduras
8 Jere Havens 68996649194 06.10.1929
9 Corina Tybald 30593458138 09.03.2005 Indonesia
10 Morganica Aloise 20321471453
11 Thalia Raffo 42443884346 46697288023 12.01.1925 Finland
12 Inga Gerge 16328993364 64108369640 09.02.1911 French
13 Britni Uund 25438498211 08.11.1910

Press Enter to continue...
```

Поиск по справочнику (команда 2):

Ввод данных для поиска – Ищем строки с именами либо Egor либо Mara:

Если поле пустое – значение может быть любым

```
MINGW64:/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Fill in the necessary criteries to find records.
You can use several keys in one criteria using commas. (First name: Egor, Ilya, ...)

First name: Egor, Mara
Last name:
Mobile phone:
Extra phone:
Birthday:
Address: _
```

Результат поиска:

```
MINGW64:/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

=====
Search criteries:
  First_name: Egor, Mara
=====

Total count of the records: 3 records

  First_name Last_name Mobile_phone Extra_phone Birthday Address
0      Egor   Trukhin   11111111111 23.07.2001
1      Egor   Pupkin    33333333333
2      Mara   Zitvaa    60671317315 24.09.1983

Press Enter to continue..._
```

Добавление новой записи (команда 3):

```
MINGW64/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Fill in the necessary criteries to add a new record.
Criteries with * on the end are absolutely necessary.

First name*: Vladimir
Last name*: Putin
Mobile phone*: +77777777777
Extra_phone:
Birthday:
Address: Moscow
```

Подтверждающая информация (такой записи ещё нет в справочнике):

```
MINGW64/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Fill in the necessary criteries to add a new record.
Criteries with * on the end are absolutely necessary.

First name*: Vladimir
Last name*: Putin
Mobile phone*: +77777777777
Extra_phone:
Birthday:
Address: Moscow

Do you want to update database with this data:
First_name: Vladimir
Last_name: Putin
Mobile_phone: 87777777777
Address: Moscow

Answer(Y/n):
```

Появилась 15ая запись (#14):

```
MINGW64: d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Total count of the records: 15 records

  First_name  Last_name  Mobile_phone  Extra_phone  Birthday  Address
0      Egor    Trukhin    11111111111          23.07.2001
1      Ilya    Trukhin    11111111111
2      Vasya    Pupkin    33333333333
3      Egor     Pupkin    33333333333
4      Mara     Zitvaa    60671317315          24.09.1983
5      Judy    Beniamino  94275310111          04.03.2008      Fiji
6      Nataline Norrie    23121411791  59116184408  04.02.1986      Portugal
7      Perry    Fontana    27664573649  92080705278  21.09.1903      Honduras
8      Jere     Havens    68996649194          06.10.1929
9      Corina   Tybald    30593458138          09.03.2005      Indonesia
10     Morganica Aloise    20321471453
11     Thalia    Raffo    42443884346  46697288023  12.01.1925      Finland
12     Inga     Gerge    16328993364  64108369640  09.02.1911      French
13     Britni   Uund     25438498211          08.11.1910
14     Vladimir Putin    87777777777          Moscow

Press Enter to continue..._
```

Добавление существующей:

Предложено обновить данные (Показаны старые и новые)

```
MINGW64: d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Fill in the necessary criteries to add a new record.
Criteries with * on the end are absolutely necessary.

First name*: Egor
Last name*: Trukhin
Mobile phone*: +72222222222
Extra_phone:
Birthday:
Address:

This record already exist. Do you want to update data:

Old record:
  First_name  Last_name  Mobile_phone  Extra_phone  Birthday  Address
0      Egor    Trukhin    11111111111          23.07.2001

New record:
First_name: Egor
Last_name: Trukhin
Mobile_phone: 82222222222

Answer(Y/n): _
```

Старая запись под номером 0 пропала и появилась новая последняя запись:

```
MINGW64:/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Total count of the records: 15 records

First_name Last_name Mobile_phone Extra_phone Birthday Address
0 Ilya Trukhin 1111111111
1 Vasya Pupkin 3333333333
2 Egor Pupkin 3333333333
3 Mara Zitvaa 60671317315 24.09.1983
4 Judy Beniamino 94275310111 04.03.2008 Fiji
5 Nataline Norrie 23121411791 59116184408 04.02.1986 Portugal
6 Perry Fontana 27664573649 92080705278 21.09.1903 Honduras
7 Jere Havens 68996649194 06.10.1929
8 Corina Tybald 30593458138 09.03.2005 Indonesia
9 Morganica Aloise 20321471453
10 Thalia Raffo 42443884346 46697288023 12.01.1925 Finland
11 Inga Gerge 16328993364 64108369640 09.02.1911 French
12 Britni Uund 25438498211 08.11.1910
13 Vladimir Putin 87777777777 Moscow
14 Egor Trukhin 8222222222

Press Enter to continue..._
```

Удаление записи (команда 4):

Удалим последнюю добавленную нами запись:

```
MINGW64:/d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Fill in the first and last of record, which is gonna be deleted.

First name: Egor
Last name: Trukhin

Do you want to delete this record:
First_name Last_name Mobile_phone Extra_phone Birthday Address
0 Egor Trukhin 8222222222

Answer(Y/n): _
```

Последняя запись пропала:

```
MINGW64: d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

=====
| Tiny Phone Book |
=====

Total count of the records: 14 records

First_name Last_name Mobile_phone Extra_phone Birthday Address
0 Ilya Trukhin 1111111111
1 Vasya Pupkin 3333333333
2 Egor Pupkin 3333333333
3 Mara Zitvaa 60671317315 24.09.1983
4 Judy Beniamino 94275310111 04.03.2008 Fiji
5 Nataline Norrie 23121411791 59116184408 04.02.1986 Portugal
6 Perry Fontana 27664573649 92080705278 21.09.1903 Honduras
7 Jere Havens 68996649194 06.10.1929
8 Corina Tybald 30593458138 09.03.2005 Indonesia
9 Morganica Aloise 20321471453
10 Thalia Raffo 42443884346 46697288023 12.01.1925 Finland
11 Inga Gerge 16328993364 64108369640 09.02.1911 French
12 Britni Uund 25438498211 08.11.1910
13 Vladimir Putin 87777777777 Moscow

Press Enter to continue..._
```

Используем поиск чтобы убедиться (команда 2):

```
MINGW64: d:/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

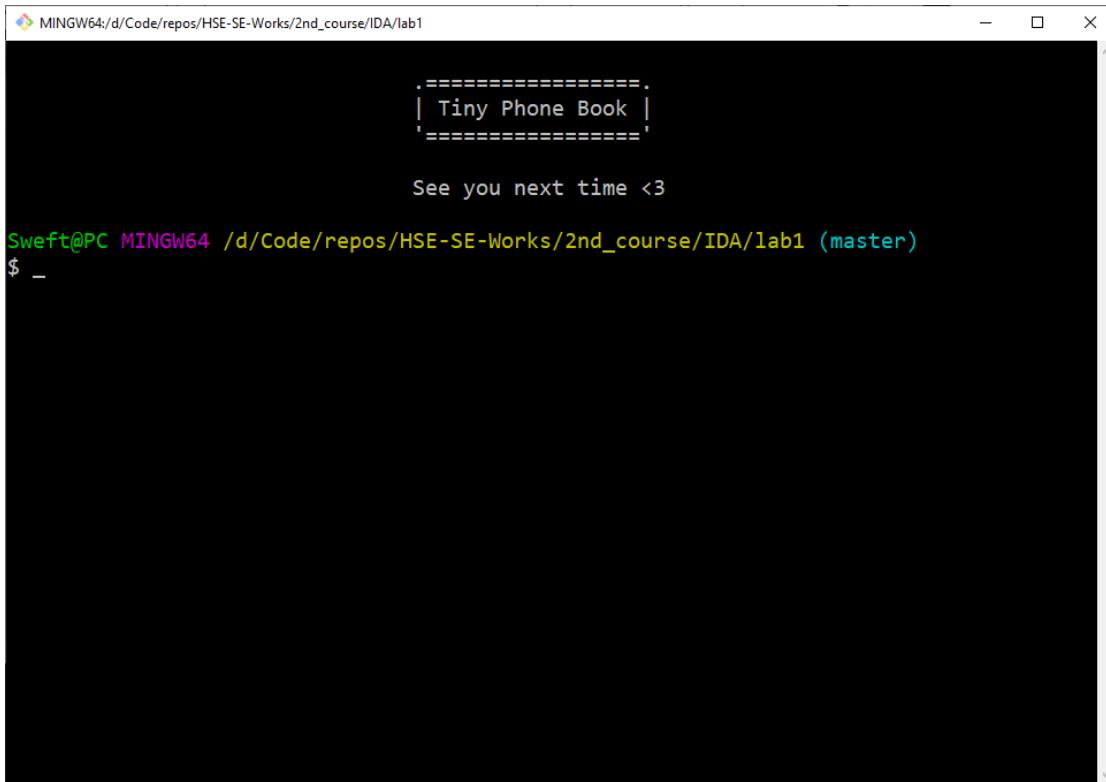
=====
| Tiny Phone Book |
=====

=====
Search criteries:
  First_name: Egor
  Last_name: Trukhin
=====

Records not found!

Press Enter to continue...
```

Выход из программы (команда 0):



```
MINGW64:/d/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1

.=====
| Tiny Phone Book |
'=====

See you next time <3

Sweft@PC MINGW64 /d/Code/repos/HSE-SE-Works/2nd_course/IDA/lab1 (master)
$ _
```