

Примеры работы программы

View.

```
view
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	Name	Surname	Birth Date	Age	Mobile Phone	Work Phone	Home Phone
0	Ekaterina	Konovalova	02/03/2001	19	89203099899	-	88314122663
1	Igor	Krylov	-	-	89038900777	89213029999	-
2	Olga	Petryakova	11/04/2003	17	89042300202	-	-
3	Petr	Ivanov	11/07/1990	30	89053211211	-	89042311212
4	Igor	Stepanov	07/09/1989	31	89765644444	-	-
5	Alina	Troyanova	-	-	89073211212	-	88319022323
6	Igor	Tregubov	12/12/2004	15	89700709898	-	-
7	Kristina	Troyanova	31/12/2009	10	89067099090	-	-
8	Karina	Ponova	01/01/2003	17	89500232323	89066666643	89079088765
9	Alexey	Nikolaev	18/03/1992	28	89692032323	-	-
10	Karina	Gromova	-	-	89077655656	89056766556	-
11	Konstantin	Petrov	12/11/2001	19	89032021212	-	-
12	Boris	Petrov	11/06/1999	21	89600755454	-	-
13	Roman	Ivanov	11/03/2001	19	89032022222	-	88314121632
14	Olga	Krylova	11/08/2000	20	89200471122	-	-
15	Ivan	Pavlov	-	-	89039099898	-	-
16	Ivan I	Loganov	13/07/2000	20	89064543232	-	-
17	Alina	Zotova	11/11/2001	19	89067877676	-	-

Search

```
2
By what parameters to search?
name (1), surname (2), age (3), mobile phone (4), work phone (5), home phone (6)
Use , if you want to delete several (f.e. 2,4,5): 1,3
Enter the name: igor
Enter the age: 31
      Name      Surname   Birth Date Age   Mobile Phone Work Phone Home Phone
4 Igor   Stepanov   07/09/1989  31    89765644444         -         -
Enter a command from the list:
```

```
2
By what parameters to search?
name (1), surname (2), age (3), mobile phone (4), work phone (5), home phone (6)
Use , if you want to delete several (f.e. 2,4,5): 3,8
Enter the age: 17
Wrong index
      Name      Surname   Birth Date Age   Mobile Phone Work Phone Home Phone
2 Olga   Petryakova  11/04/2003  17    89042300202         -         -
8 Karina Ponova   01/01/2003  17    89500232323  89066666643  89079088765
```

```
2
By what parameters to search?
name (1), surname (2), age (3), mobile phone (4), work phone (5), home phone (6)
Use , if you want to delete several (f.e. 2,4,5): 2
Enter the surname: petrov
      Name Surname   Birth Date Age   Mobile Phone Work Phone Home Phone
11 Konstantin Petrov   12/11/2001  19    89032021212         -         -
12 Boris   Petrov   11/06/1999  21    89600755454         -         -
Enter a command from the list:
```

Add

```
3
Please, enter name: karina
Please, enter surname: ponova
This person is already in the phonebook, do you want to try again? (Yes/No)yes
Please, enter name: elizaveta
Please, enter surname: ponova
Do you want to write a birth date? (Yes/No) yes
Enter the birth date (DD/MM/YYYY or DDMYYYY): 11132000
Wrong date or format, try again
Enter the birth date: 11032000
Enter the mobile phone, please: +79034562323
Do you want to write a work phone? (Yes/No) yes
Enter the work phone, please: 9099877878
Do you want to write a home phone? (Yes/No) yes
Enter the home phone, please: 89021233232
```

Add and Edit

```
add
Please, enter name: karina
Please, enter surname: ponova
This person is already in the phonebook, do you want to try again? (Yes/No)no
Do you want to edit the record with these name and surname? (Yes/No)yes
Name          Karina
Surname       Ponova
Birth Date    01/01/2003
Age           17
Mobile Phone  89500232323
Work Phone    89066666643
Home Phone    89079088765
Name: 8, dtype: object
What do you want to edit? Choose one: name (1), surname (2), birth date (3), mobile phone (4), work phone (5), home phone (6), none (7)
1
Please, enter surname: ponova
What do you want to edit? Choose one: name (1), surname (2), birth date (3), mobile phone (4), work phone (5), home phone (6), none (7)
none
```

View after these changes

VIEW	Name	Surname	Birth Date	Age	Mobile Phone	Work Phone	Home Phone
0	Ekaterina	Konovalova	02/03/2001	19	89203099899	-	88314122663
1	Igor	Krylov	-	-	89038900777	89213029999	-
2	Olga	Petryakova	11/04/2003	17	89042300202	-	-
3	Petr	Ivanov	11/07/1990	30	89053211211	-	89042311212
4	Igor	Stepanov	07/09/1989	31	89765644444	-	-
5	Alina	Troyanova	-	-	89073211212	-	88319022323
6	Igor	Tregubov	12/12/2004	15	89700709898	-	-
7	Kristina	Troyanova	31/12/2009	10	89067099090	-	-
8	Karina	Panova	01/01/2003	17	89500232323	89066666643	89079088765
9	Alexey	Nikolaev	18/03/1992	28	89692032323	-	-
10	Karina	Gromova	-	-	89077655656	89056766556	-
11	Konstantin	Petrov	12/11/2001	19	89032021212	-	-
12	Boris	Petrov	11/06/1999	21	89600755454	-	-
13	Roman	Ivanov	11/03/2001	19	89032022222	-	88314121632
14	Olga	Krylova	11/08/2000	20	89200471122	-	-
15	Ivan	Pavlov	-	-	89039099898	-	-
16	Ivan I	Loganov	13/07/2000	20	89064543232	-	-
17	Alina	Zotova	11/11/2001	19	89067877676	-	-
18	Elizaveta	Ponova	11/03/2000	20	89034562323	89099877878	89021233232

Edit

```
4
Please, enter name: igor
Please, enter surname: stepanov
This person isn't in the phonebook, do you want to add him/her? (Yes/No): no
Do you want to try editing again? (Yes/No): yes
Please, enter name: igor
Please, enter surname: stepanov
Name          Igor
Surname       Stepanov
Birth Date    07/09/1989
Age           31
Mobile Phone  89765644444
Work Phone    -
Home Phone    -
Name: 4, dtype: object
What do you want to edit? Choose one: name (1), surname (2), birth date (3), mobile phone (4), work phone (5), home phone (6), none (7)
1
Please, enter name: ha_
You used wrong symbols in the name, try again
Please, enter name: maxia
What do you want to edit? Choose one: name (1), surname (2), birth date (3), mobile phone (4), work phone (5), home phone (6), none (7)
none
```

4	Maxim	Stepanov	07/09/1989	31	89765644444	-	-
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Edit and Add

```
4
Please, enter name: tatiana
Please, enter surname: krotova
This person isn't in the phonebook, do you want to add him/her? (Yes/No): yes
Do you want to write a birth date? (Yes/No) no
Enter the mobile phone, please: 9077654545
Do you want to write a work phone? (Yes/No) no
Do you want to write a home phone? (Yes/No) no
```

Birthday list

```
birthday list
      Name      Surname  Birth Date
6      Igor      Tregubov  12/12/2004
7  Kristina  Troyanova  31/12/2009
Enter a command from the list:
```

View by Age

```
5
Enter the age: 20
Do you want to view people who are: younger (1), older (2), this age (3): 1
```

	Name	Surname	Birth Date	...	Mobile Phone	Work Phone	Home Phone
0	Ekaterina	Konovalova	02/03/2001	...	89203099899	-	88314122663
2	Olga	Petryakova	11/04/2003	...	89042300202	-	-
6	Igor	Tregubov	12/12/2004	...	89700709898	-	-
7	Kristina	Troyanova	31/12/2009	...	89067099090	-	-
8	Karina	Panova	01/01/2003	...	89500232323	89066666643	89079088765
11	Konstantin	Petrov	12/11/2001	...	89032021212	-	-
13	Roman	Ivanov	11/03/2001	...	89032022222	-	88314121632
17	Alina	Zotova	11/11/2001	...	89067877676	-	-

```
5
Enter the age: 31
Do you want to view people who are: younger (1), older (2), this age (3): 3
```

	Name	Surname	Birth Date	Age	Mobile Phone	Work Phone	Home Phone
4	Igor	Stepanov	07/09/1989	31	89765644444	-	-

```
5
Enter the age: h
It is not a number, try again or cancel and turn back to the command menu (0): 0
Enter a command from the list:
view (1)
search (2)
add (3)
edit (4)
view by age (5)
birthday list (6)
delete by name and surname (7)
delete by phone (8)
quit (9)
```

Delete by name

```
7
Please, enter name: igor
Please, enter surname: krylov
```

	Name	Surname	Birth Date	Age	Mobile Phone	Work Phone	Home Phone
0	Ekaterina	Konovalova	02/03/2001	19	89203099899	-	88314122663
2	Olga	Petryakova	11/04/2003	17	89042300202	-	-
3	Petr	Ivanov	11/07/1990	30	89053211211	-	89042311212
4	Maxim	Stepanov	07/09/1989	31	89765644444	-	-
5	Alina	Troyanova	-	-	89073211212	-	88319022323
6	Igor	Tregubov	12/12/2004	15	89700709898	-	-
7	Kristina	Troyanova	31/12/2009	10	89067099090	-	-
8	Karina	Panova	01/01/2003	17	89500232323	89066666643	89079088765
9	Alexey	Nikolaev	18/03/1992	28	89692032323	-	-
10	Karina	Gromova	-	-	89077655656	89056766556	-
11	Konstantin	Petrov	12/11/2001	19	89032021212	-	-
12	Boris	Petrov	11/06/1999	21	89600755454	-	-
13	Roman	Ivanov	11/03/2001	19	89032022222	-	88314121632
14	Olga	Krylova	11/08/2000	20	89200471122	-	-
15	Ivan	Pavlov	-	-	89039099898	-	-
16	Ivan I	Loganov	13/07/2000	20	89064543232	-	-
17	Alina	Zotova	11/11/2001	19	89067877676	-	-
18	Elizaveta	Panova	11/03/2000	20	89034562323	89099877878	89021233232
19	Tatiana	Krotova	-	-	89077654545	-	-

```

7
Please, enter name: nastya
Please, enter surname: boitsova
There is not anyone with these identifiers. Do you want to try again? (Yes/No): no
Enter a command from the list:

```

View after all

```
view
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	Name	Surname	Birth Date	Age	Mobile Phone	Work Phone	Home Phone
0	Ekaterina	Konovalova	02/03/2001	19	89203099899	-	88314122663
1	Olga	Petryakova	11/04/2003	17	89042300202	-	-
2	Petr	Ivanov	11/07/1990	30	89053211211	-	89042311212
3	Maxim	Stepanov	07/09/1989	31	89765644444	-	-
4	Alina	Troyanova	-	-	89073211212	-	88319022323
5	Igor	Tregubov	12/12/2004	15	89700709898	-	-
6	Kristina	Troyanova	31/12/2009	10	89067099090	-	-
7	Karina	Panova	01/01/2003	17	89500232323	89066666643	89079088765
8	Alexey	Nikolaev	18/03/1992	28	89692032323	-	-
9	Karina	Gromova	-	-	89077655656	89056766556	-
10	Konstantin	Petrov	12/11/2001	19	89032021212	-	-
11	Boris	Petrov	11/06/1999	21	89600755454	-	-
12	Roman	Ivanov	11/03/2001	19	89032022222	-	88314121632
13	Olga	Krylova	11/08/2000	20	89200471122	-	-
14	Ivan	Pavlov	-	-	89200471122	-	-
15	Ivan I	Loganov	13/07/2000	20	89064543232	-	-
16	Alina	Zotova	11/11/2001	19	89067877676	-	-
17	Elizaveta	Ponova	11/03/2000	20	89034562323	89099877878	89021233232
18	Tatiana	Krotova	-	-	89077654545	-	-

Delete by phone

```

8
Please, enter phone: 89200471122
      Name  Surname  Birth Date  Age  Mobile Phone  Work Phone  Home Phone
13  Olga   Krylova   11/08/2000  20   89200471122      -           -
Which rows do you want to delete? Enter indexes of these rows
Use , if you want to delete several (f.e. 2,7,8): 9
Cannot delete 9 row because it is not in the given table

```

```

8
Please, enter phone: 89200471122
    Name Surname Birth Date Age Mobile Phone Work Phone Home Phone
13 Olga Krylova 11/08/2000 20 89200471122 - -
14 Ivan Pavlov - - 89200471122 - -
Which rows do you want to delete? Enter indexes of these rows
Use , if you want to delete several (f.e. 2,7,8): 13,14
Successfully delete the 13 row
Successfully delete the 14 row
    Name Surname Birth Date Age Mobile Phone Work Phone Home Phone
0 Ekaterina Konovalova 02/03/2001 19 89203099899 - 88314122663
1 Olga Petryakova 11/04/2003 17 89042300202 - -
2 Petr Ivanov 11/07/1990 30 89053211211 - 89042311212
3 Maxim Stepanov 07/09/1989 31 89765644444 - -
4 Alina Troyanova - - 89073211212 - 88319022323
5 Igor Tregubov 12/12/2004 15 89700709898 - -
6 Kristina Troyanova 31/12/2009 10 89067099090 - -
7 Karina Panova 01/01/2003 17 89500232323 89066666643 89079088765
8 Alexey Nikolaev 18/03/1992 28 89692032323 - -
9 Karina Gromova - - 89077655656 89056766556 -
10 Konstantin Petrov 12/11/2001 19 89032021212 - -
11 Boris Petrov 11/06/1999 21 89600755454 - -
12 Roman Ivanov 11/03/2001 19 89032022222 - 88314121632
15 Ivan I Loganov 13/07/2000 20 89064543232 - -
16 Alina Zotova 11/11/2001 19 89067877676 - -
17 Elizaveta Ponova 11/03/2000 20 89034562323 89099877878 89021233232
18 Tatiana Krotova - - 89077654545 - -

```

View after all

```

view
    Name Surname Birth Date Age Mobile Phone Work Phone Home Phone
0 Ekaterina Konovalova 02/03/2001 19 89203099899 - 88314122663
1 Olga Petryakova 11/04/2003 17 89042300202 - -
2 Petr Ivanov 11/07/1990 30 89053211211 - 89042311212
3 Maxim Stepanov 07/09/1989 31 89765644444 - -
4 Alina Troyanova - - 89073211212 - 88319022323
5 Igor Tregubov 12/12/2004 15 89700709898 - -
6 Kristina Troyanova 31/12/2009 10 89067099090 - -
7 Karina Panova 01/01/2003 17 89500232323 89066666643 89079088765
8 Alexey Nikolaev 18/03/1992 28 89692032323 - -
9 Karina Gromova - - 89077655656 89056766556 -
10 Konstantin Petrov 12/11/2001 19 89032021212 - -
11 Boris Petrov 11/06/1999 21 89600755454 - -
12 Roman Ivanov 11/03/2001 19 89032022222 - 88314121632
13 Ivan I Loganov 13/07/2000 20 89064543232 - -
14 Alina Zotova 11/11/2001 19 89067877676 - -
15 Elizaveta Ponova 11/03/2000 20 89034562323 89099877878 89021233232
16 Tatiana Krotova - - 89077654545 - -

```

```
quit
```

```
Process finished with exit code 0
```