

Лабораторная работа №2

Задача 1.1:

```
1 set_a = {1,2,3,4,5}
2 print(set_a)
```

main ×

⋮

C:\Users\ugari\PycharmProjects\pythonPro
{1, 2, 3, 4, 5}

Process finished with exit code 0

Задача 1.2:

```
main.py ×
1 set_a = {1,2,3}
2 set_a.add(4)
3 set_a.add(5)
4 print(set_a)
```

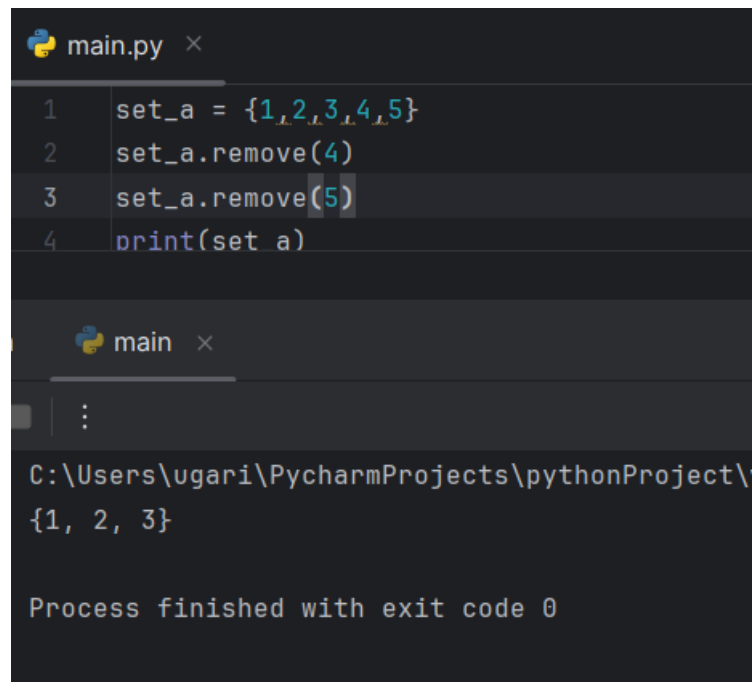
main ×

⋮

C:\Users\ugari\PycharmProjects\pythonPro
{1, 2, 3, 4, 5}

Process finished with exit code 0

Задача 1.3:



```
main.py x
1 set_a = {1, 2, 3, 4, 5}
2 set_a.remove(4)
3 set_a.remove(5)
4 print(set_a)
```

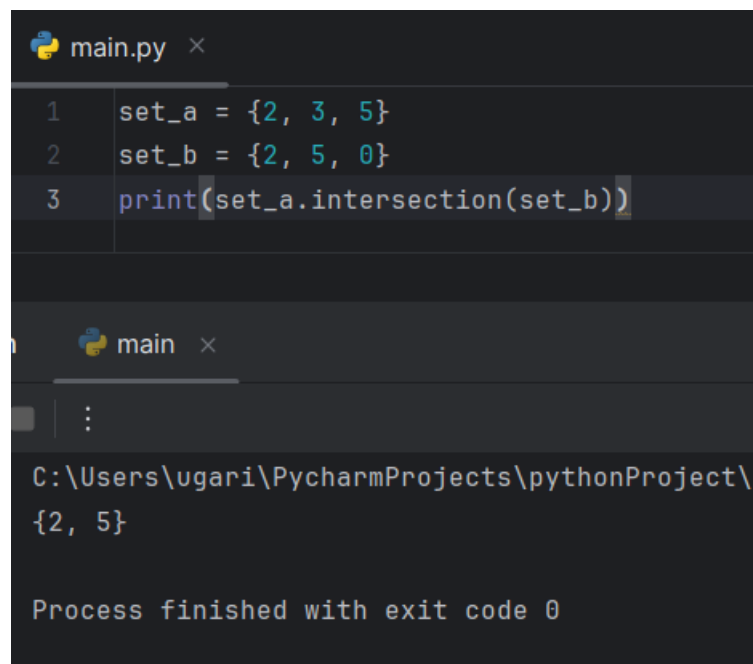
main x

⋮

C:\Users\ugari\PycharmProjects\pythonProject\
{1, 2, 3}

Process finished with exit code 0

Задача 1.4:



```
main.py x
1 set_a = {2, 3, 5}
2 set_b = {2, 5, 0}
3 print(set_a.intersection(set_b))
```

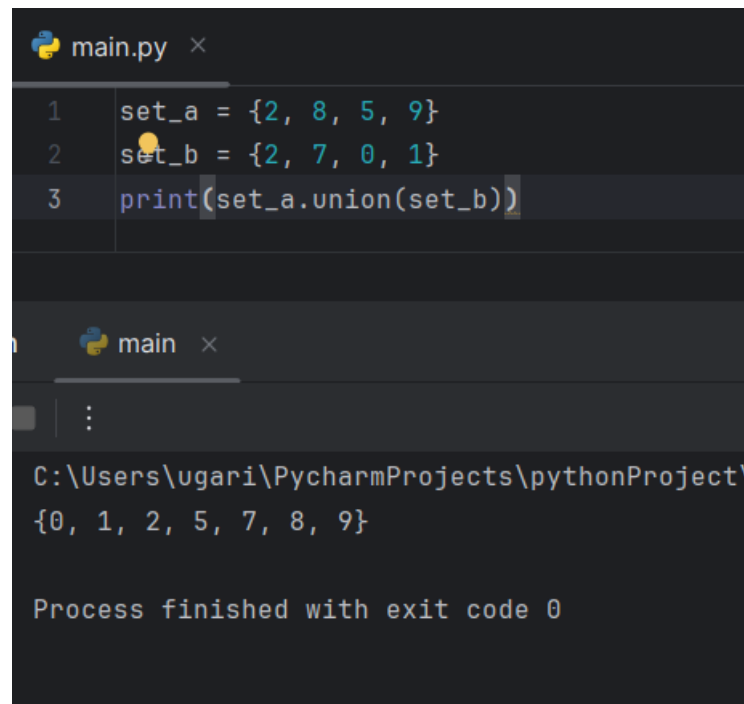
main x

⋮

C:\Users\ugari\PycharmProjects\pythonProject\
{2, 5}

Process finished with exit code 0

Задача 1.5:

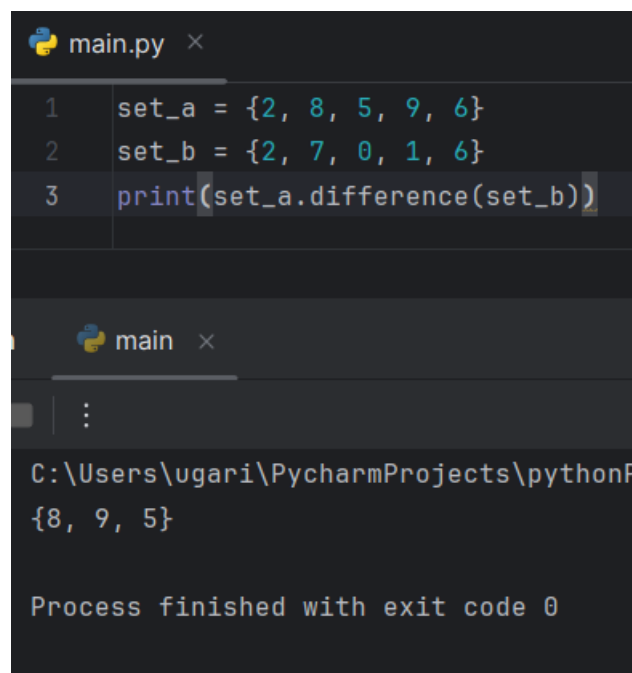


```
main.py x
1 set_a = {2, 8, 5, 9}
2 set_b = {2, 7, 0, 1}
3 print(set_a.union(set_b))

main x
:
C:\Users\ugari\PycharmProjects\pythonProject\
{0, 1, 2, 5, 7, 8, 9}

Process finished with exit code 0
```

Задача 1.6:

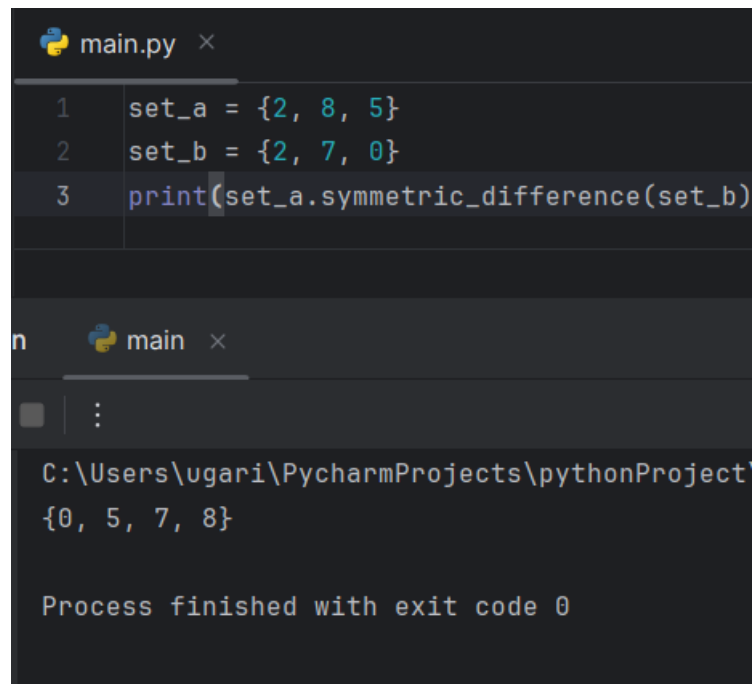


```
main.py x
1 set_a = {2, 8, 5, 9, 6}
2 set_b = {2, 7, 0, 1, 6}
3 print(set_a.difference(set_b))

main x
:
C:\Users\ugari\PycharmProjects\pythonProject\
{8, 9, 5}

Process finished with exit code 0
```

Задача 1.7:

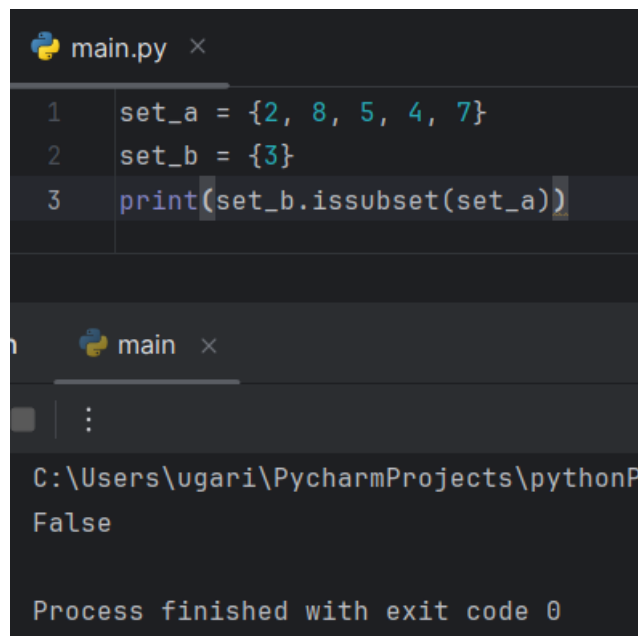


```
main.py x
1 set_a = {2, 8, 5}
2 set_b = {2, 7, 0}
3 print(set_a.symmetric_difference(set_b))

n main x
:
C:\Users\ugari\PycharmProjects\pythonProject
{0, 5, 7, 8}

Process finished with exit code 0
```

Задача 1.8:

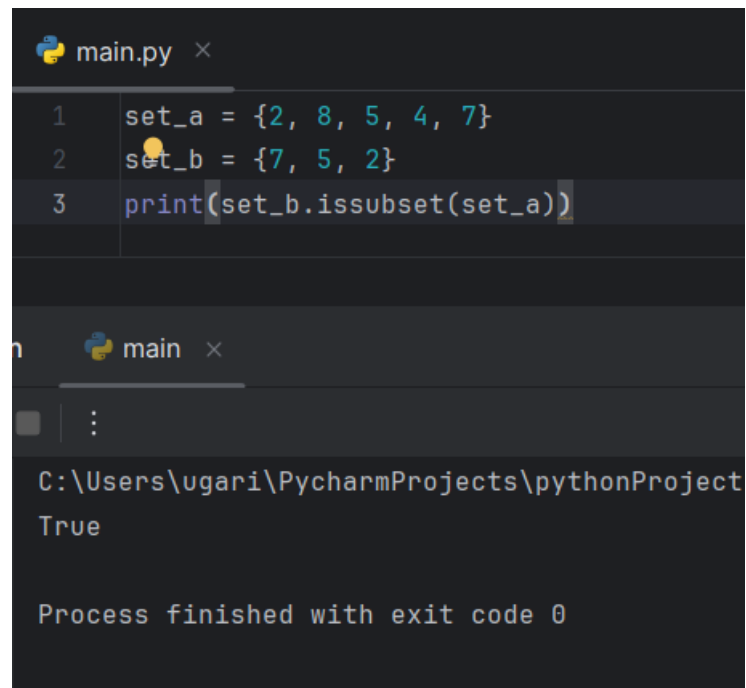


```
main.py x
1 set_a = {2, 8, 5, 4, 7}
2 set_b = {3}
3 print(set_b.issubset(set_a))

n main x
:
C:\Users\ugari\PycharmProjects\pythonP
False

Process finished with exit code 0
```

Задача 1.9:



The screenshot shows a PyCharm IDE with a file named `main.py` open. The code in the editor is as follows:

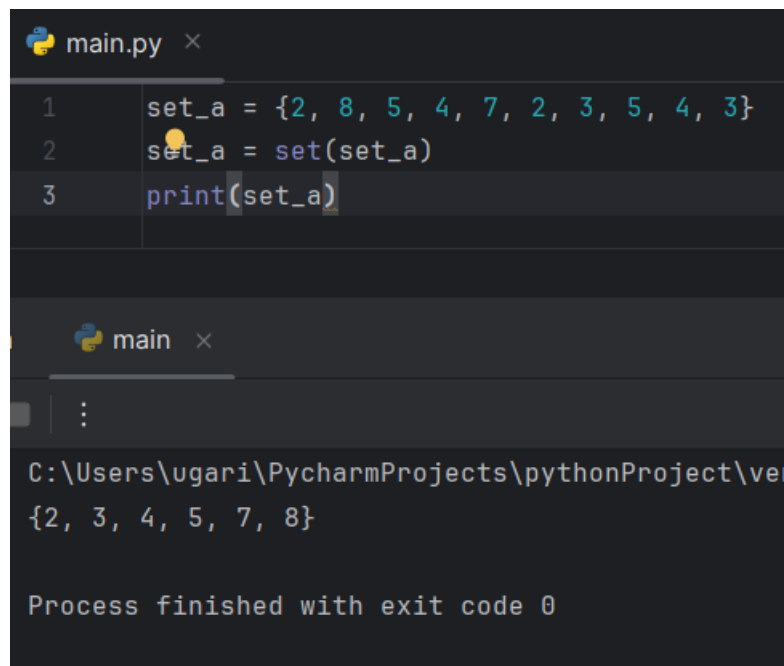
```
1 set_a = {2, 8, 5, 4, 7}
2 set_b = {7, 5, 2}
3 print(set_b.issubset(set_a))
```

Below the editor, the console output is displayed:

```
C:\Users\ugari\PycharmProjects\pythonProject\venv>python main.py
True

Process finished with exit code 0
```

Задача 1.10:



The screenshot shows a PyCharm IDE with a file named `main.py` open. The code in the editor is as follows:

```
1 set_a = {2, 8, 5, 4, 7, 2, 3, 5, 4, 3}
2 set_a = set(set_a)
3 print(set_a)
```

Below the editor, the console output is displayed:

```
C:\Users\ugari\PycharmProjects\pythonProject\venv>python main.py
{2, 3, 4, 5, 7, 8}

Process finished with exit code 0
```