

# Copy and paste rules — why functions?

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# 123456.txt

Alice Green

Principal Office Assistant

Warsaw, Aleje Jerozolimskie

8900

...

## Update the files

1. 123313: 11% salary raise
2. 123790: moved to Polarna street in Katowice
3. 123856: 10% salary raise

# What to do

For each person/file:

- read the file contents
- find the right line
- replace the piece of information
- update the file contents

```
f = open('123313.txt', 'r')
lines = f.read().splitlines()
f.close()
```

```
f = open('123313.txt', 'w')
f.write('\n'.join(lines))
f.close()
```

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```
f = open('123313.txt', 'r')
lines = f.read().splitlines()
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```

```
old_salary = int(lines[3])
new_salary = 1.11 * old_salary
lines[3] = str(new_salary)
```

```
f = open('123313.txt', 'w')
f.write('\n'.join(lines))
f.close()
```

```
f = open('123790.txt', 'r')
lines = f.read().splitlines()
f.close()

lines[2] = 'Katowice, Polarna'

f = open('123313.txt', 'w')
f.write('\n'.join(lines))
f.close()
```

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```
lines[2] = 'Katowice, Polarna'
```

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f = open('123790.txt', 'w')
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```
f = open('123856.txt', 'r')
lines = f.read().splitlines()
f.close()
```

```
old_salary = int(lines[3])
new_salary = 1.10 * old_salary
lines[3] = str(new_salary)
```

```
f = open('123856.txt', 'w')
f.write('\n'.join(lines))
f.close()
```



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lines[3] = str(new_salary)

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```

## Similar task

- 697123: 12% salary raise
- 112001: 33% salary raise

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# ---
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f.close()
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```
lines[2] = 'Katowice, Polarna'
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f = open('123790.txt', 'w')
f.write('\n'.join(lines))
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# ---
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f = open('123856.txt', 'r')
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lines[3] = str(new_salary)
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