

TITLE

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123456.txt

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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()
```

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

```
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()
```

```
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)
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```
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('123790.txt', 'w')
f.write('\n'.join(lines))
f.close()
```

```
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()
```



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

```
old_salary = int(lines[3])
new_salary = 1.11 * old_salary
lines[3] = str(new_salary)
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```
f = open('123313.txt', 'w')
f.write('\n'.join(lines))
f.close()
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```
f = open('123790.txt', 'r')
lines = f.read().splitlines()
f.close()
```

```
lines[2] = 'Katowice, Polarna'
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```
f = open('123790.txt', 'w')
f.write('\n'.join(lines))
f.close()
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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()
```

Similar task

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

```
# READ FILE
```

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

```
# CHANGE SALARY
```

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

```
# WRITE FILE
```

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

```
# —
```

```
# READ FILE
```

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

```
# CHANGE ADDRESS
```

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

```
# WRITE FILE
```

```
f = open('123790.txt', 'w')  
f.write('\n'.join(lines))  
f.close()
```

```
# —
```

```
# READ FILE
```

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

```
# CHANGE SALARY
```

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

```
# WRITE FILE
```

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

Function

$$f(x) = x + 1$$

$$f(x) = x + 1$$

$$g(x) = 2x - x + 1$$

$$h(x) = \frac{42+x^2 \cdot x}{x^3+42} - x + 1$$

$$f(x) = x + 1$$

```
def f(x):  
    return x + 1
```

```
def f(x):  
    print("Hi, how are you?")  
    return x + 1
```

```
def f(x, y):  
    print("Hi, how are you?")  
    return x - y + 1
```



```
def f():  
    print("Hi, how are you?")
```

READ FILE

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

```
def read_file(person):  
    f = open(person + '.txt', 'r')  
    lines = f.read().splitlines()  
    f.close()
```

READ FILE

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

```
def read_file(person):  
    f = open(person + '.txt', 'r')  
    lines = f.read().splitlines()  
    f.close()  
    return lines
```

CHANGE SALARY

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

```
def change_salary(lines , x):  
    old_salary = int(lines[3])  
    new_salary = x * old_salary  
    lines[3] = str(new_salary)
```

CHANGE ADDRESS

lines[2] = 'Katowice , Polarna '

def change_address(lines , new_address):

 lines[2] = new_address

WRITE FILE

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

```
def write_file(person, lines):  
    f = open(person + '.txt', 'w')  
    f.write('\n'.join(lines))  
    f.close()
```

```
# READ FILE
```

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

```
# CHANGE SALARY
```

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

```
# WRITE FILE
```

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

```
# READ FILE
```

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

```
# CHANGE ADDRESS
```

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

```
# WRITE FILE
```

```
f = open('123790.txt', 'w')  
f.write('\n'.join(lines))  
f.close()
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```
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```

```
# READ FILE
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f = open('123856.txt', 'r')  
lines = f.read().splitlines()  
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```
# CHANGE SALARY
```

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

```
# WRITE FILE
```

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

```
# READ FILE  
lines = read_file('123313')
```

```
# CHANGE SALARY  
change_salary(lines , 1.11)
```

```
# WRITE FILE  
write_file('123313' , lines)
```

```
# —
```

```
# READ FILE  
lines = read_file('123790')
```

```
# CHANGE ADDRESS  
change_address(lines , 'Katowice , Polarna')
```

```
# WRITE FILE  
write_file('123790' , lines)
```

```
# —
```

```
# READ FILE  
lines = read_file('123856')
```

```
# CHANGE SALARY  
change_salary(lines , 1.10)
```

```
# WRITE FILE  
write_file('123856' , lines)
```



```
lines = read_file('123313')  
change_salary(lines, 1.11)  
write_file('123313', lines)
```

```
lines = read_file('123790')  
change_address(lines, 'Katowice', 'Polarna')  
write_file('123790', lines)
```

```
lines = read_file('123856')  
change_salary(lines, 1.10)  
write_file('123856', lines)
```