Python 3

```
# copyleft 2011-05-08 sugiura@nagoya-u.jp
#
#

#Python 3
# copyleft 2018-03-27 sugiura@nagoya-u.jp

import time

f1 = open(input("Put in the first file name with double-quote marks: "))
firstFile = f1.readlines()
linesA = len(firstFile)
print(linesA, "items are included.\n")


f2 = open(input("Put in the second file name with double-quote marks: "))
secondFile = f2.readlines()
linesB = len(secondFile)
print(linesB, "items are included.\n")

f3 = open('common.txt', 'w')

for x in range(linesA):
        are = firstFile[x]
        for y in range(linesB):
                kore = secondFile[y]
                if are == kore:
                        f3.write(are)

f3 = open('common.txt', 'r')
thirdFile = f3.readlines()
linesC = len(thirdFile)
print("===========================")
print(linesC, "items are common.")
print("===========================")
time.sleep(2)

for z in range(linesC):
        print("(",z+1,")", thirdFile[z])

print("===========================\n")
print("That's it! Open the file called common.txt.")

time.sleep(3)
```

Python 2

(for Python 2)

```
# copyleft 2011-05-08 sugiura@nagoya-u.jp
#
#

import time

f1 = open(input("Put in the first file name with double-quote marks: "))
firstFile = f1.readlines()
linesA = len(firstFile)
print linesA, "items are included.\n"


f2 = open(input("Put in the second file name with double-quote marks: "))
secondFile = f2.readlines()
linesB = len(secondFile)
print linesB, "items are included.\n"

f3 = open('common.txt', 'w')

for x in range(linesA):
```

```python
            are = firstFile[x]
            for y in range(linesB):
                    kore = secondFile[y]
                    if are == kore:
                            f3.write(are)

f3 = open('common.txt', 'r')
thirdFile = f3.readlines()
linesC = len(thirdFile)
print "============================"
print linesC, "items are common."
print "============================"
time.sleep(2)

for z in range(linesC):
        print "(",z+1,")", thirdFile[z]

print "============================\n"
print "That's it! Open the file called common.txt."

time.sleep(3)
```