

## Informatika2-2012/Gyakorlat08m

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#!/usr/bin/env python

# udvozlo
if __name__ == "__main__":
    print 'Hello World!'

# udvozlo2
import sys

if __name__ == '__main__':
    if len(sys.argv) > 1:
        print "Hello {0}".format(sys.argv[1])

# lista 1
l = ['a','b','c','d']

def revL(l):
    lc = l[:]
    for i in range(1,len(lc)+1):
        l[i-1] = lc[-i]
    return l

print revL(l)

# lista 2
l1 = ['a','b','c','d']
l2 = [1,2,3,4]
def yip(l1, l2):
    k = {}
    for i in range(min(len(l1), len(l2))):
        k[l1[i]] = l2[i]
    return k

print yip(l1, l2)

# lista 3
l3 = [1,5,12,45]
l4 = [2,22,44,50]

def qs(l1, l2):
    li = ri = 0
    lmi = len(l1)
    rmi = len(l2)
    k = []
    while True:
        if li < lmi:
            if ri < rmi:
                if l1[li] > l2[ri]:
                    k.append(l2[ri])
                    ri += 1
                else:
                    k.append(l1[li])
                    li += 1
            else:
                k.append(l1[li])
                li += 1
        else:
            if ri < rmi:
                k.append(l2[ri])
                ri += 1
            else:
                break
    return k
```

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print qs(13, 14)

# string1
def revS(s):
    l = s[:]
    t = ''
    for i in range(1, len(l) + 1):
        t += l[-i]
    return t

print revS("akaraki")

# string2
def evS(s):
    k = ''
    for i in range(1, len(s), 2):
        k += s[i]
    return k

print evS('romkooss')

# string3
def incS(s):
    for i in range(len(s)):
        l = s[:i + 1]
        print ''.join(l)

incS('almapaprika')
```