Python examples 9

```
def zapis():
    f=open("rezultat.txt","w")
    while True:
        a=input("String? ")
        if a=="KRAJ":
            break
        else:
            if len(a)<5:
                f.write(a + "\n")
    f.close()

    f=open("rezultat.txt","r")
    lines=f.readlines()
    print("")
    print("U datoteku je pohranjeno:")
    for line in lines:
        print(line, end = '')
    f.close()
```

```
def ispisNS(ime):
    import csv
    a=0
    with open(ime) as f:
        reader=csv.reader(f,delimiter=',')
        for line in reader:
            for col in line:
                if len(col)>a:
                    a=len(col)
                    b=col
    print("Najduzi string je " + str(b) + " s " + str(a) + " znakova.")
```

```
def zapisL(f,n):
    ret=False
    if len(f)<12:
        f1=f.split(".")
        if f1[0][0:1].isalpha() and f1[1]=="txt":
            ret=True
            f=open(f,"w")
            for a in range(1,n+1):
                b=0
                c=""
                while b<a:
                    if len(c)==0:
                        c=str(a)
                    else:
                        c=c + " " + str(a)
                    b+=1
```

```
                f.write(c + "\n")
            f.close()
    return ret
```

```
def pr(qty):
    num=0
    n=0
    c=""
    while n<qty:
        if num > 1:
            for i in range(2,num):
               if (num % i) == 0:
                   break
            else:
                n+=1
                c=c+str(num)+";"
        num+=1
    return(c)
def zapisP(f,n):
    ret=False
    if len(f)<8:
        if "." not in f:
            if f[0:1].isalpha():
                ret=True
                f=open(f+".txt","w")
                f.write(pr(n+1) + "\n")
                f.close()
    return ret
```

```
def izr(f):
    sa=0
    su=0
    os=0
    uk=0
    f=open(f,"r")
    text=f.read()
    f.close()
    for a in text:
        uk+=1
        if a.isalpha():
            if a.lower() in ['a','e','i','o','u']:
                sa+=1
            else:
                su+=1
        else:
            os+=1
    f=open("rezultat.txt","w")
    f.write("Samoglasnika je "+str(round(sa/uk*100,2))+"%\n")
    f.write("Suglasnika je "+str(round(su/uk*100,2))+"%\n")
    f.write("Ostalih znakova je "+str(round(os/uk*100,2))+"%\n")
```

```
    f.close()
```

```
def frek(f):
    f=open(f,"r")
    lines=f.readlines()
    f.close()
    newline=""
    for line in lines:
        for c in line.lower():
            if c.isalpha() or c.isspace():
                newline=newline+c
    words=newline.split()
    qty=dict()
    for word in words:
        if word in qty:
            qty[word]+=1
        else:
            qty[word]=1
    import collections
    od=collections.OrderedDict(sorted(qty.items()))
    f=open("rezultat.txt","w")
    for k,v in od.items(): f.write(k+": "+str(v)+"\n")
    f.close()
```

```
def ar(f):
    f=open(f,"r")
    lines=f.readlines()
    f.close()
    a=0
    b=0
    for line in lines:
        a=a+int(line)
        b+=1
    f=open("rezultat.txt","w")
    f.write(str(a/b))
    f.close()
```

```
def zbr(f):
    f=open(f,"r")
    lines=f.readlines()
    f.close()
    a=0
    for line in lines:
        a=a+int(line)
    f=open("rezultat.txt","w")
    f.write(str(a))
    f.close()
```

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