

Рег.Номер: 30

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Баллы: 60

Вариант№: 3

Задание1 (5/15 баллов)

```
val = str(input(""))
dval = val.split(" ")
res = []; resstr = ""
for i in range(len(dval)):
    c = 0
    for j in range(len(dval[i])):
        t = len(dval[i])-1-j
        if dval[i][j] == dval[i][t]:
            c += 1
    if len(dval[i]) == c:
        res.append(" ")
    elif i != len(dval)-1:
        dval[i] += " "
        res.append(dval[i])
    else:
        res.append(dval[i])
for k in range(len(dval)):
    resstr += res[k]
print(resstr)
```

Задание2 (15/15 баллов)

```

FibSeq = [2,3,5,13,89,233]
def IsFibSeq(number):
    for i in range(len(FibSeq)):
        if number == FibSeq[i]:
            return True
        else:
            continue
val = str(input(""))
dval = val.split(" ")
res = []; resstr = ""; c = len(dval)
for i in range(len(dval)):
    if IsFibSeq(len(dval[i])) == True:
        dval[i] += " "
        res.append(dval[i])
        res.append(dval[i])
        c += 1
    else:
        dval[i] += " "
        res.append(dval[i])
for k in range(c):
    resstr += res[k]
print(resstr)

```

Задание3 (18/18 баллов)

```

val = input("").split()
def Func(num1, num2, k):
    res = ""
    while k>=0:

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    if (num1 < num2) and k>=0:
        num1 += int(val[k])
        del(val[k])
        k -= 1
    if (num1 > num2) and k>=0:
        num2 += int(val[k])
        del(val[k])
        k -= 1
    if (num1 == num2) and k>=0:
        num1 += int(val[k])
        del(val[k])
        k -= 1
        if k>=0:
            num2 += int(val[k])
            del(val[k])
            k-=1
    if num1 > num2:
        res += str(num1)
        res += " "
        res += str(num2)
    else:
        res += str(num2)
        res += " "
        res += str(num1)
    return res

if len(val) == 1:
    print(val[0])
else:
    for i in range(len(val)-1):
        if int(val[i])>int(val[i+1]):

```

```
        a = val[i+1]
        val[i+1] = val[i]
        val[i] = a

    ur = int(val[len(val)-1])
    del val[len(val)-1]
    ut = int(val[len(val)-1])
    del val[len(val)-1]
    k = len(val)-1
    print(Func(ur, ut, k))
```

Задание4 (22/22 баллов)

```
val = str(input("")).split(" ")
lval = list(val)
nval = []; c = len(lval)-1
for i in range(len(lval)):
    if lval[i] != "":
        nval.append(int(lval[i]))

xaxis = nval[0]
del nval[0]
yaxis = nval[0]
del nval[0]
sval = []
for i in range(yaxis):
    d = []; k = 0
    for j in range(xaxis):
        d.append(nval[j-k])
```

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        del nval[j-k]

        k +=1

    sval.append(d)
for i in range(yaxis):
    j = xaxis-1
    sval[i].sort()

for i in range(1,yaxis):
    for k in range(yaxis-1):
        if sum(sval[i])<sum(sval[k]):
            sval[i], sval[k] = sval[k], sval[i]
            pass
        if sum(sval[i])==sum(sval[k]):
            if sval[i][xaxis-1] > sval[k][xaxis-1]:
                sval[i], sval[k] = sval[k], sval[i]
            pass

resstr = ""
for i in range(yaxis):
    j = xaxis-1
    while j > -1:
        resstr += str(sval[i][j]) + " "
        j -=1
print(resstr)

```