CÂU 1:

with open('TT.INP','r') as file:

num = [int(i) for i in file.readline().split()]

with open('TT.OUT','w') as file:

file.write(str(sum(num)))

CÂU 2:

with open('TTD.INP','r') as file:

inp = [int(i) for i in file.readline().split()]

n, x = inp[0], inp[1]

house\_num = [i for i in range(n+1)]

house\_with\_decor = house\_num[1::2]

total = len(house\_with\_decor)\*x

with open('TTD.OUT','w') as file:

file.write(str(total))

CÂU 3:

with open('XKT.INP','r') as file:

str\_amnt = int(file.readline().strip())

array = []

for i in range(str\_amnt):

array.append(file.readline().strip())

def duplication(x):

tmp = [i for i in x]

dup = []

j = 0

for i in tmp:

if tmp.count(i) == 2 and j == 0:

dup.append(i)

j += 1

elif j > 0:

pass

return dup

result = []

for i in array:

result.extend(duplication(i))

final = "".join(result)

with open('XKT.OUT','w') as file:

file.write(final)

CÂU 4:

with open('SDB.INP','r') as file:

n = int(file.readline().strip())

A = [int(i) for i in file.readline().split()]

def special\_num(x):

tmp = [i for i in str(x)]

if len(tmp) == 1:

return True

for i in range(len(tmp)):

try:

if tmp[i] == tmp[i+1]:

return True

else:

return False

except IndexError:

break

cnt = 0

for i in A:

if special\_num(i) == True:

cnt += 1

with open('SDB.OUT','w') as file:

file.write(str(cnt))

CÂU 5:

with open('XT.INP','r') as file:

n = int(file.readline().strip())

lst = []

for i in range(n):

lst.append(int(file.readline().strip()))

def prime(x):

if x > 1:

for i in range(2, int(x/2)+1):

if x % i == 0:

return False

else:

return True

else:

return False

cnt = 0

for i in lst:

for j in lst:

h = j - i

g = lst.index(j) - lst.index(i)

if h < 0:

h \*= -1

elif g < 0:

g \*= -1

if (g <= 6 and g > 0) and h > 0 and prime(h) == True:

cnt += 1

with open('XT.OUT','w') as file:

file.write(str(cnt))