IMTAHAN MISALLAR

MISAL 1

def sahe(a,h):

return ((a\*h)/2)

a = int(input("tərəfi daxil edin: "))

h = int(input("hundurluyu daxil edin: "))

print(int(sahe(a,h)))

MISAL 2

def funk(soz):

a = soz[0]

netice = a

for i in soz:

if i != a:

netice += i

a = i

print(netice)

soz = input("Sozu daxil et:")

funk(soz)

MISAL 3

def funk(eded):

i = 0

liste = []

while i < 10:

if eded.count(str(i)) == 0:

liste.append(i)

i += 1

else:

i += 1

print(liste)

eded = list(input("eded daxil edin : "))

funk(eded)

MISAL 4

def funk(nomre):

mebleg = 60

k = 1

if nomre[3] == nomre[4]:

k = 4

mebleg = mebleg \* k

if nomre[6] == nomre[7] == nomre[8]:

k = 5

mebleg = mebleg \* k

if nomre[6] == nomre[8]:

k = 4

mebleg = mebleg \* k

if nomre[:2] == '90' or nomre[:2] == '77' or nomre[:2] == '10' or nomre[:2] == '99':

k = 3

mebleg = mebleg \* k

print("Nömrənin qiyməti:", mebleg, end=" AZN")

nomre = input("nomre daxil edin ( meselen 90-CB-505 ) : ")

funk(nomre)

MISAL 5

def a(eded):

cem = 0

for reqem in str(eded):

cem += int(reqem)

if eded % cem == 0:

print(eded , " ededi ", cem , "ededine bolunur")

else:

print(eded , " ededi " , cem , " ededine bolunmur")

eded = int(input("ededi daxil edin: "))

a(eded)

MISAL 6

def reqem(n):

i = 0

s = 1

while n > 9:

while n > 0:

s \*= n % 10

n = n // 10

n = s + 0

s = 1

i += 1

print(i)

n = int(input('Ədədi daxil edin: '))

reqem(n)

MISAL 7

list = []

for i in range(1,101):

if i%3==0 and i%5==0:

list.append(i)

print(list)

MISAL 8

count = 0

n = int(input("Eded daxil edin: "))

for i in range(n):

if i%2 == 0:

count+=1

print(count)

MISAL 9

list = [2,2,4,3,6,9,6,1,5,1]

list1 = []

for i in list:

if i <= 3:

list1.append(i)

print(list1)

VE YA

a = [2,2,4,3,6,9,6,1,5,1]

filtered = filter(lambda num: num <= 3, a)

print(list(filtered))

MISAL 10

list1=[101,151,956,119,146,123,118,106,138,136,127,101]

max=max(list1)

min=min(list1)

print(f"mehsulu {list1.index(min)+1}ci ayda alsa ve {list1.index(max)+1}cu ayda satsa daha cox qazanc elde etmis olar")

MISAL 11

def printTri(n):

for i in range(1,n+1):

print("{:^10}".format(' '.join(str(i)\*i)))

printTri(5)

MISAL 12

a = 1

b = 1

c = 1

list = [1,1]

while c<100:

c = a+b

a = b

b = c

if c<100:

list.append(b)

for i in list:

print(i,end= " ")

MISAL 13

ededler=[int(x) for x in input("Ededleri daxil edin:").split(",")]

sum=0

for eded in ededler:

sum+=eded

print(sum)

MISAL 14

cumle = input("Cumle daxil edin: ")

a = cumle.split()

print(a[-1])

MISAL 15

ededler = [int(x) for x in input("Ededleri daxil edin:").split(",")]

for eded in ededler:

print(eded\*\*2,end= " ")

MISAL 16

list=[]

for i in range(100,200):

if i%3 == 0 and i%5 != 0:

list.append(i)

print(len(list))

MISAL 17

count=0

cumle=input("Cumleni daxil edin:")

saitler=["a","ı","o","u","e","ə","i","ö","ü","A","I","O","U","E","Ə","I","Ö","Ü"]

for i in saitler:

for j in cumle:

if i==j:

count+=1

continue

print(count)

MISAL 18

def funk(number):

reqemler=[0,1,2,3,4,5,6,7,8,9]

numbers = []

cem = 0

for i in reqemler:

numbers.append(number%10)

number = int(number/10)

for i in reqemler:

if i in numbers:

cem += i

print(45-cem)

number = int(input('Eded daxil edin: '))

funk(number)

MISAL 19

def funk(cumle):

cumle1 = list(reversed(cumle.split()))

for i in cumle1:

print(i,end=" ")

cumle = input('cumleni yaz: ')

funk(cumle)

MISAL 20

def funk(cumle):

soz = min(cumle.split(), key=len)

print("en qisa soz: ", soz)

cumle = input('cumleni yaz: ')

funk(cumle)

MISAL 21

cumle = input('cumleni yaz: ')

soz = max(cumle.split())

print("En uzun soz:", soz)

MISAL 22

cumle = input("cumle daxil edin: ")

x= cumle.split()

print(len(x))

MISAL 23

cumle = input('cumleni yaz: ')

sozler = cumle.split()

say = 0

for i in sozler:

if len(i) == 4:

say += 1

print(say)

MISAL 24

cumle = input('cumleni yaz: ')

sozler = cumle.split()

for i in sozler:

if i[0] == "a" and i[-1]== "m":

print(i)

else:

continue

MISAL 25

cumle = input("cumleni daxil edin: ")

print(cumle.count("lar"))

MISAL 26

cumle = input("cumle daxil edin: ")

x= cumle.split()

print(len(x))

MISAL 27

def funk(cumle):

i = 0

list = []

for i in range(len(cumle)):

if cumle[i].isupper():

i += 1

list.append(i)

else:

continue

print(list)

cumle = input('cumleni yaz: ')

funk(cumle)

MISAL 28

def isogram(str):

return len(str) == len(set(str.lower()))

print(isogram("isogram"))

MISAL 29

cumle = input('cumleni yaz: ')

upper=0

lower=0

for i in range(len(cumle)):

if(cumle[i]>='a' and cumle[i]<='z'):

lower+=1

elif(cumle[i]>='A' and cumle[i]<='Z'):

upper+=1

if lower == upper:

print("saylar beraberdir",int(len(cumle)/2))

elif lower < upper:

print(lower)

else:

print(upper)

MISAL 30

number = int(input('ucreqemli ededi daxil edin: '))

number1 = number // 100

number2 = (number % 100) // 10

number3 = number % 10

if number == number1\*number1\*number1+number2\*number2\*number2+number3\*number3\*number3:

print("Armstrong ededidir.")

else:

print("Armstrong ededi deyildir.")

MISAL 31

number = int(input('4 reqemli eded daxil edin: '))

number1 = number // 1000

number2 = (number % 1000) // 100

number3 = (number % 100) // 10

number4 = number % 10

if number1 == number4 and number2 == number3:

print(number, 'polindromdur')

else:

print(number, 'polindrom deyil')

MISAL 32

number = int(input('5 reqemli eded daxil edin: '))

number1 = number // 10000

number2 = (number % 10000) // 1000

number3 = (number % 1000) // 100

number4 = (number % 100) // 10

number5 = number % 10

if number1 < number2 and number2 < number3 and number3 < number4 and number4 < number5:

print('Butun reqemler artma sirasi ile yerlesir')

else:

print('Butun reqemler artma sirasi ile yerlesmir')

MISAL 33

number = int(input('4 reqemli eded daxil edin: '))

number1 = number // 1000

number2 = (number % 1000) // 100

number3 = (number % 100) // 10

number4 = number % 10

if number1==0:

print("0'a bolme yoxdur")

elif number2==0:

print("0'a bolme yoxdur")

elif number3==0:

print("0'a bolme yoxdur")

elif number4==0:

print("0'a bolme yoxdur")

else:

if number % number1 == 0 and number % number2 == 0 and number % number3 == 0 and number % number4 == 0:

print('Butun reqemlerine qaliqsiz bolunur')

else:

print('Butun reqemlerine qaliqsiz bolunmur')

MISAL 34

number = int(input('4 reqemli eded daxil edin: '))

number1 = number// 1000

number2 = (number % 1000) // 100

number3 = (number % 100) // 10

number4 = number % 10

list1 = [number1,number2,number3,number4]

for i in list1:

if i % 2 == 0:

continue

print(i , end="")

MISAL 35

number = int(input('4 reqemli eded daxil edin: '))

number1 = number// 1000

number2 = (number % 1000) // 100

number3 = (number % 100) // 10

number4 = number % 10

if number1 != number2 and number1 != number3 and number1 != number4 and number2 != number3 and number2 != number4 and number3 != number4:

print('YES')

else:

print('NO')

MISAL 36

def findElement(myFunction, n):

prefixSum = [0] \* n

prefixSum[0] = myFunction[0]

for i in range(1, n) :

prefixSum[i] = prefixSum[i - 1] + myFunction[i]

suffixSum = [0] \* n

suffixSum[n - 1] = myFunction[n - 1]

for i in range(n - 2, -1, -1) :

suffixSum[i] = suffixSum[i+1] + myFunction[i]

for i in range(1, n - 1, 1) :

if prefixSum[i] == suffixSum[i] :

return myFunction[i]

return -1

myFunction = [8,8,8,8]

n = len(myFunction)

print(findElement(myFunction , n))

MISAL 37

def funk(n):

a = 1

b = 1

c = 1

list = [1, 1]

while c < n:

c = a + b

a = b

b = c

if c < n:

list.append(b)

for i in list:

print(i, end=" ")

n = int(input("Ededi daxi edin: "))

funk(n)

MISAL 38

def myFunction(word,letters):

for i in word:

if i == ' ':

print(' ',end='')

elif i == '!':

print('!',end='')

else:

if i not in letters:

i = '-'

print(i,end='')

else:

print(i,end='')

myFunction("He is a very naughty boy!", ["e", "a", "y"])

MISAL 39

hasil = 1

x = int(input("Eded daxil edin: "))

for i in range(1,x):

if i % 7 == 0:

hasil \*=i

print(hasil)

Misal 40

n = int(input("Eded daxil edin: "))

list = []

for i in range(n):

if i%10 == 3:

list.append(i)

print(list)

MISAL 41

list=[]

x = int(input("Kicik ededi daxil edin: "))

y = int(input("Boyuk ededi daxil edin: "))

for i in range(x,y):

if i % 6 != 0:

list.append(i)

print(list)

MISAL 42

cumle = input('cumleni yaz: ')

sozler = cumle.split()

say = 0

for i in sozler:

if len(i) == 4:

say += 1

print(say)

MISAL 43

cumle = input("cumleni daxil edin: ")

print(cumle.count("lar"))