**1**.

a = 'he32l4lo w0or1ld'

b = ""

for i in a:

if i.isdigit() == False:

b += i

print(b)

**2**.

a = input("is it a prime number? y/n:")

if a == 'n':

b = input("is it a odd number? y/n:")

if b == 'y':

print("it's a 1")

else: print("it's a 4")

else:

b = input("is it a even numb? y/n:")

if b == 'y':

print("it's a 2")

else:

c = input("is it a top podium number? y/n:")

if c == 'y':

print("it's a 3")

else: print("it's a 5")

**3**.

a = 453289

s = str(a)

e = o = 0

for i in s:

if int(i) % 2 == 0:

e += 1

else: o += 1

print(e, o)

e = o = 0

while a != 0:

b = a % 10

if b % 2 == 0:

e += 1

else: o += 1

a //= 10

print(e, o)

**4.**

print("не пишите слитно")

while True:

a = [i for i in input().split()]

if a[0] == 'stop':

break

elif a[1] == '+':

print(int(a[0]) + int(a[2]))

elif a[1] == '-':

print(int(a[0]) - int(a[2]))

elif a[1] == '/':

print(int(a[0]) / int(a[2]))

elif a[1] == '//':

print(int(a[0]) // int(a[2]))

elif a[1] == '\*' or a[1] == 'x':

print(int(a[0]) \* int(a[2]))

**5.**

a = [int(i) for i in input().split()]

for i in range(len(a)):

if a[i] > 0:

a[i] = 1

elif a[i] < 0:

a[i] = -1

print(a)

**6**.

def most\_f(a):

return max(set(a), key = a.count)

a = [int(i) for i in input().split()]

print(most\_f(a))

**7.**

a = {int(i) for i in input().split()}

print(len(a))

**8.**

school = {'1a':20,'1б':22,'2а':18,'2б':28,'3а':15,'4а':30,'5а':30,'6б':13,'6а':16}

su = 0

mx = -1111

cl = ''

a = dict()

for i, j in school.items():

su += j

if mx < j:

mx = j

if i[0] <= '4':

print(i, ':', j)

for i, j in school.items():

if mx == j:

a[i] = j

print(su)

print(mx)

print(a)

**9**.

a = [int(i) for i in input().split()]

a[a.index(max(a))], a[a.index(min(a))] = a[a.index(min(a))], a[a.index(max(a))]

print(a)

**10.**

n, k = [int(i) for i in input().split()]

a = ['I'] \* n

for i in range(k):

l, r = [int(i) for i in input().split()]

for j in range(l - 1, r):

a[j] = '.'

print(''.join(a))

**11.**

n, m = [int(i) for i in input().split()]

mx = []

for i in range(n):

a = [int(i) for i in input().split()]

su = 0

for j in range(m):

su += a[j]

mx.append(su)

print(max(mx))

print(mx.index(max(mx)))