Jose Horia Curdoso 99096 Fu

Pergenta 1

def num\_cubes\_maiores(e,m):
neturn len (filter (neduce (e, lumbolo: x: x \* \*3), lombolo: x: x>m))



#### TÉCNICO LISBOA

0018 0042 1025 1809

JOSÉ CARDOSO

Estudante/Student

1)))



### Pogumta 2

```
C) of soma_moo_trimos(m):

i=1

While i <= m:

if it not eh_trimo(i):

nes += i

i+= 1

neturn nes
```

a) def some\_moo\_primes(m):

def auxiliar(m,i):

if ism:

neturn 0

if not eh\_prima(i):

neturn i + auxiliar(m,it1)

neturn ousciliar(m,it1)

neturn oweren (n, 1)

3

. જ



# José Maria Contono 99096

Porto 4

04 cmiggs (+, +2):

if type(+)!= sts on type(+2)!= sts on Pen(+)!= Pen(+2): 10 is 10 le Enrol (00 ye menter imac (00))

of conto - Olferengo (4, +2):

for i in name (Pen(+)):

if + [i] 1 = +2[i]:

JICHAM DR

if comto\_differences (4, +2) < Cen(+) /10:

שתיון שעיתופע

netwon Folse



## Popunto 5

- o) for neurosenton or oblition duples orable willow imm simples visto Cies duples = []
- θ) # Comstrutores σεβ πονυ-βεω-συβω(): πετυππ[]

# Substanos (fisa); def primeiro (fisa); neturn fisa(o);

caf verimo (fier):

jaf comprimenso (files);

# Modificacions

oleg entro \_iniso \_ filo. (filo., m);

Gilo. inisont (0, m)

return filo.

oleg filos entro. \_ film \_ filo. (filo., m);

filo. offenoi (m)

neturn filo

26 201 - inicio \_ 626 (f.6); 26 201 - 67 - f.6 (f.6); 26 201 - 67 - f.6 (f.6); f.6. 19. (1) return f.6.



## Popunto 5

- o) for neurosenton or of their duples or or with a roman man simple 5- 34mg 03+3
- def non-pile-duth(): # Construtions netyan []

# Substano def frimin (file); [o] as a wrope

out werimo (files)? neturn filo.[1]

Saf comprimenso (file): neturn Cem (file)

Ħ Modiβicacieros

def entro-inico-file. (file, m): 8:60, imsort (0,0)

off newber

def five entra-fim-file(file, n); (m) tempor of the netwan file

8.60. px(0) 2 (49.9) 39 - priving - 100 return files

of soi-fim-file (file); f.c. (4) reby weaper



Jose Horis Gordons 99096 (20)

Peguntas - Continueção

# St Recomplecedones

oug et - Geo - contro (023):

f tgre(on) == cist

Network Tobe

deg et-flo-ugia (og):

reco reconstruction

neturn Penlow ==0

068 Junto - 6:600 - duflos (6:60, 6:602): 6:602 = 6:602 E:-1]

ত

β.εω2= στο21. ... βονιίπ τυποε (θεπ(β.εω2));

B.Co. Offend (Baz[i])

neturn felo.

1)))
10018 0042 1025 1809
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Edudine Studie

```
Jose Morio Cordoso 99096
                                      Ju
  Perjunto $ 6
                                              1)))
  olef comta_duflicooles (e):
                                               0018 0042 1025 1809
      del verificação (e,i);
         if 1910(1) + 11:
             Der Vole Comment Ton ton ton
          metern
          if i == lem(e) 1 +1;
               neturn True
           eese:
              if type (esil)!= int:

neturn Forme Voluc Error Tay amentes insulations)
              return on verificaco (me, itt)
      cef contagem (e, m,i):
           if i = = lem(e) = :
              neturn o
           in == [i]9 ji
              neturn 1+ contagen (e, m, i+1)
           neturn contagem (P,m,i11)
      del mour esta (e, nume 1/2; i):
           if x > 1;
             metal Effered
              muse made telling
             neturm moro_ esta (e, nove + [ez[[eti],x]],iti)
            neturn nowo_ lista (P, new P, it+)
       return
       if verificacoo (e,o)
           netura mono_esta (e, [],0)
        : يوقع
           noise volue Ennon ('orgumentos impolos')
```

```
Pagunta 7
חרשטחונת לגעליהו
eloss slot_mockine ():
                                         1)))
    def -- init -- (seef, m, m2):
                                          0018 0042 1025 1809
                                          JOSÉ CARDOSO
        self, c Moscima = m2
        self.c=m
    and John ( In seek ):
       CO CO
        if self. c < self. c Designed on a sy self. c == self. c Mossima:
             neturn 'slot Mochine mão operacional'
        1=+5. Just
         on = rumolem. rumolint (4,50)
         m2= romatem. rund int (1,50)
         m3= sundam, sound int (1,50)
         ne=0
        if m im (m2, m3):
            if m== m2 and m==m3;
               not= 100
            eex:
               か ナ= 10
        ecifzm2 mm/w/w/w/ == m3
           1000 and indiana
            Do t=10
        if no == 100 omoi m= 9:
           De = 30€.C
        if 3070:
           neturn 'Auretoda: (Myorenous {}, {}, {}, {}) M/m Source! format (m, m2, m3)
```

neturn ' A metado: ( { } } , { } } , } ) In Azon '. format (m, m2, m3)

)One Morria Corolono 99096

Persunta 7 - Continuição

olf 9,000 ( say):

if safe c < safe c Desgand or safe c == safe Moseima:

neturn 'Ageordo Momwencoo Im Deposito com il Euros Im Comminanto

HE HOUSE

in Coperatale Deservice {} Euros in Coperatede Moseins }} Euros formation '. formot (reef. c, self. c Desegonel, self. e Moscimon)

vietnim, otencional im Dobijso com & & Enwi I in colocopage Dordignes & Ferril In Copidade Masima il turos, format (sep e, sep a Dasgone, sep a novima) def obortece (seef, m):

tele +=

if type (m) to int on m >0:

('obslowni otnomujoro') rorrasusov scior)

July .c +=n



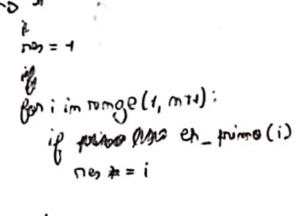
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Pergunta 8

def frimoviol (my);







neturn nes

and too ex- trimo (w):

uRibis= m:

if : m % i == 0: e.oHemol(i)

if e == [1, m]: neturn True neturn Fobe



José Mario Cardoso 99096 Ferrenta 9

def soma\_ espissos (e1, e2):

e3 = dict(e1, \*\* e2)

for Kin e1;

if K in e3;

for i in e1[K];

e3[K] =+= v

neturn e3



```
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Pergunto to

a) Loschosoop: = n 2 nomalom> c

2 nomalom> = a | a cromalom> | d | d cromalom>

B)

of fredicade (+):

if type (+)!= stn:

nise Volue Enror ('organizatio involido')

else: no= 0

if +[0] = = 'n' and +[1] = = 'c'
```

elso: non=0

if +[0] == 'n' ond +[t] == 'c'

for i in romge (1, lem(t)-1):

if +[i] in ('a', 'd'):

non+=1

if non== lem(t):

neturn True

neturn Folse



Jose toria Carolino 99096 fell

Pegunta 11

de soma - amulation (e):

meme=[]

for i in ronge (Pen(e)): 54 = (MM) O for a in ronge (im):

move.offenoi(ne)

no t= 6[0]

neturn move

