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شیاره دانشوی نه ۱۱۵۱۵۳۴۸م تمرین ۲ مبان برنامه نوسی استاده تشی

(continuo time of the Porto)

(a) int a=20;

int b=-a *2 + a+t/3;
$$\rightarrow$$
 a=20-1=19 \rightarrow a=19+1=20

a'=3 \rightarrow a= a'/3 $20|\frac{3}{2}|6 \rightarrow$ α =2

$$b = (19x2) + (19/3) = 38 + 6 = 44 \rightarrow b=44$$

(B) int p=6, q=4 $p=6p=110g$

$$p=p1q$$

$$q=4p=100g$$

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$$q=qQr$$

$$xor \frac{100}{010} \rightarrow r=2$$

$$AND \frac{100}{000} \rightarrow r=2$$

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$$Z=int(12/3.5)=3 \rightarrow x \frac{int}{(12/3+3x3.5)}=4+10=14$$

$$Z=int(y)/x=3/14 \Rightarrow z=0$$

$$p=int(x/y)=int(14/3)=4 \rightarrow p=4$$

$$C = 30 = 11.00B \longrightarrow 1100.00B = 4+8 = 12D , 11 = 0$$

$$0R = 0000.000 \longrightarrow d = 12$$



$$12D = 1100B$$
 And $\frac{1100}{0000B} = 0D \Rightarrow a = 519$ or 1001

$$600 = 1010B$$
 $\times 000 = 1010$ $1000 \rightarrow 100$

$$C = ((001.100) & (12)) \wedge 5) (8)$$

$$\int result = b = 20$$

result =
$$a-b=14$$

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Bo a sido or mia sod
 1 start
                                                هر دو تاصفی هستند .
  Da=0, b=0, counter=1, max-counter=1
  3) get as from user
  1) if a=0 or b==0 then
             max-counter-o
             print (max - counter)
      else if a==b then
           max-counter= a
             print (max-counter)
      else
            b>a then
         if
             while counter <= a
                       a% counter == 0 then
                         if by counter==0 then
                              if counter >= max-counter then
                                     max-counter= counter
                              Endif
                        Endif
                   Endif
                  counter= counter+ 1
             Endwhile
             print (max-counter)
        else if a > b then
            while counter <= b
                 if by counter == 0 then
                      if all ounter==0 then
                            if counter >= moox-counter then
                                  max-counter-counter
                             Endif
                      Endif
                 Endif
                 counter= counter+1
          End while
         print (max-counter)
(5) end
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(0)
(1) start
2) count_i=1, count_j=1, i=0,j=0, Brokens=0, Brokenspercentso
3 get ij from user
 1 while count-i { i
          while count-isi
                 input= 1
                 get input from user
                 if input == 0 then
                       Brokens - Brokens + 1
                 Endif
                 count-j= count-j+1
           Endwhile
           count-i = count-i+1
     Endwhile
(ixj) | x 100
   print (Brokens), print (Brokens-percent)
 1 end
                                           فرف م الا حمال على الم معناى
1 start
                                         Clisso 1. Idle gemes Tomo 216
(2) n=0, a=0, digits=1, check=0
                                                باقى مانده تقسم است.
(m sections) get n from user (the solutions)
⊕ a=n
(5) while a//10 !=0
                                         9 if check == n then
           digits = digits+1
                                          print ("The number
           as a//10
                                          you entered is Armstrongs)
    Endwhile
6 . . a=n
                                           else
 @ while a//10 !=0
                                            print (" the number
            b=a%10
                                        you entered is not
          checks check+ b digits
                                            Armstrong ")
           a=a//10
    Endwhile
(8) checks checkt a digits
```