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lab
     Warner Student
     student 18
                          ## tok it as student name
      Porch Parker 18
              16
      Name: Peter Parker
      Age: 16
      Courses: 9 1
      Name: Perer Parker
      Age: 16
       Contes: Algebra, Chemistry
       Gurse Not Found: spanish
      Algebra, Physics, Economics
      Algebra, physics, Economics
    Holland 16
       18
Peter Parker
2. a. T
    b. T
 3. a RT (n2.6 always wiler)
    b. F
    C.T
    Explain why:
                                         c(n3) 78 n2(vn)
     a, 8n2. 5 has n3 as upper band; for no=0, c= 19,
     b. n " is to upper bound of 8n2 (vin), but 8n2 (vin) is not upper bound of no hence of false by definition of
     C. 16 log (n2) = 32 log n. 32 log n is O way (n)) for no= 0, c=33, 32 log n < clog n.
4. a. O(n) were's only one for bop
   b. O(n) there is only one for bop
   6. O(n2) there we 2 for bops and they're rested
   d. O(n1.5) there is a for boy within range vin, and one of range in mested within
   e. O (n logn) there's a for loop of cog(a) iterating themen and a n ranged for
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6-12 merred inside.

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Explain why:

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