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Maps
   Idea: just like a set, but with
   extra data attached to each node.
 Nice example to illustrate its utility!
 Problem: read strings from stdin and
   print a frequency table (the # of those each string occurred).
On the nidtern, this was asked for integers from O... n (n snall-ish). For this,
   I would have done the following:

const int n = 10:

Vector Lint) F; // F[i] = count for i.
      For (1=0; 1<=n; 1++)
          F. push_buch(o);
      int k;
      while (cin >> b)
        FCkJ++;
    // now print F.
 Question: uh, doesn't this work for strings?
 Auswer. it was essential that the Hot
         distinct items we had to count was
        Known ahead of time cand not enomous).
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