```
# include costream?
using std: string:
class
Private:
     int id;
list & string> stations;
Public;
    Train(): id(0)45;
     explicit Train (int -id): id (id) &5;
     Train (const Train & copy Train) &
           id = copy Train id;
stations = copy Train stations;
     7
     bool operator [] (const string & name) const &
            for (counst auto & station: stations) &
                   14 (station == name)
                           return true;
             return false;
       4
             remove (const & string & name) 4
             Stations. remove _ it [ [ R name] (const string & station
      void
                    veturn name == station;
      4
             add (const string & name) &
               Stations push - back (mame);
       void
       3
```

```
Std: vector cints v = 2 10, 100, 1,99, 33, 123;
auto iteration = ( ) v3 (int x) {
      double lower = x - Idouble) x 11000 upper = x + Idouble) x 110.0.
       for I stol ; vector cini = iterator it = v. begin; it != v. kndu; it +) {
           171 / (loner = * it 8 8 * it <= upper))
            Std: court 20 + itec 1 19
 auto lambda = EEVJ lint x) 2
       double lower = x - (double) × (10.0, upper = x + (double) x (10.0;
      Atd: for each (v. begin 1), vend (), Elawer, upper ] (int +) &
               14 (] ( ower = + & & + = upper ))

>+d:: cout 26 + 66 11;
```

```
auto
       tunction = C3 (std : vectorcinta & v) 4
        $1d: mutex
                     myx.
        std : condition - variable cui
        bool the true not strue bool mished = talse,
        A lind next = CI (int x int k std : vector 2 int > by std : vectors)

1 int ind = -1, dist = 1 e 9;
               3 ( + 17 : 0 : 1 × 0 : 1 × 0 : 174 ) 8
                    Hllused 8:361 vei3 = x 68 vei3 0/02== k 68 vei3 -> c=di4) }
                          di44 = VC13-2;
                          1 nd = 1;
               return Ind ;
         91
        std: vector clood > ost (2, talse);
       auto print = E60, 8 tind-next, 80st, 0 mtx, &cv, 81ms
        (int x) mudable &
          stdi vectoraboos used (v.sizen, talse);
          int ind = tind-inext (0, K, v, used);
while (ind 1--1) 4
                used Eind? = 1.
std: unique - lock I std: nuiter [K] max);
                 Cv. mail (IK, E805), OK, O Hinished) ( grether oxed)
                 Sto : cout ke usind? LE , In';
                  ost EK3 = false;
OstEK13 =true
                  IV. unlock();
                  ind = tind = next (vcind3, K, v, used)
          finished = true,
      std : thread +1 (print, 0);
      old: thread 12 (print; 1);
       H. Join 1)
      12. join ();
  51
```