```
13174-1
                                                              19 x may
a) pubic:
    Calendar & operator 2 (coust Calendar & calendar) 4
        year = calendar year;
        events 2 calendar events;
         return XHWs;
2) vertous string > get Events (int day; string mounths)/
    map satiling, int > mapths = { pairsstring, int > ("albap6", 0), ...
                                    ... poir ( string; int > ( " gena Sp6", 11) };
    id ( months. count (months) == 0 11 day = 30 11 day = 0) &
       referrestring > a,
       return a;
     int numb= day + 300 months [month];
     for testor (string > vesult;
     for (auto event = events. find (mumb); event ! = events. end () &&
               Event -> first = 2 hourber; event ++) (
          result. push back (event -> second);
      veturn result;
   4
```

```
6) list < string> deta = { a", "bello", "arana", - , y:
1) for (listestring ): iterator = 5 = data begin(); s!= data end(); data ++) {
      if ((* date), size()>5){
        Contex *da *s & " ";
 2) for each (deta begin(), duta end(), [] (string s) { if (s. 8:20 ()) 5}{ conta
      { cont << s << " "; 53);
     condition variable ev
     bool is Number = talse;
     cher current:
     string result = ""; bool finished a felse;
  void producer (shings)
      for { char cur; 34}
         lock-guard & upstex> lk (mx);
         if ( com > '0/ 88)
             concert z cow;
              is Number = true;
           else (
             current = cler;
             if Number = feelse;
```

```
() hunter my;
    condition invable exi
    pool is Number a false;
   der envent:
    string resulting
    bool finished a take;
  void producer (strings) (
     for (chew aux is) {
          { lock-guerde untex ) (k (mx);
            current car;
            if (aurz'o' & cur & '5'){
               is Kuniber - true
                                                      jut main () {
             9
                                                       String source 2 41 a 24
             edsel
                                                       thread $12 hero thread (
                                                            producer, source);
                                                       thread + + 2 = men Thread (
           ev. notify-all();
                                                          consumer - humber ();
                                                      threel *+3 = new thread (
         lock-good a unter > 16 (mx);
                                                          consumer-alpha);
          fingled stone;
                                                       +1- join ();
         cu. not: ky-all ();
                                                      +2 = join();
                                                      f3 > join();
void consumer () {
    while (true) {
       unique lock & wester > 1k (his);
       en wait (14, 131) { vetern finished Il is Kumber; 9;
        it (finispeed) loveak;
         result, push back (Courset);
    er. notify-all();
Void consumer_ cher () {
    while (trace) {
       unique lock & hunder ? (he (hrx)
       a vait (16, C3() {vetern timished ( !s Number; );
       it (finished) { breaks
        result. push back (current);
     I ev. not by all (); 3
```