```
Mapthikok Onecla
                                                                                                                                  Bagara N64.
                                                                                                                                                                                                                                                       18114-2.
class Calendar 2
                    int year;
multimap z int, string> events;
int months[12] = {31,28,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,31,30,
    public:
                                Calendar & operator = (Calendar c2) {
                                              year = C2. year;
                                             events = c2. events;
                                            return "Hus;
                                    vector & string> get Events (int day, int months) {
                                                    int day of years = 0;
for (int i=0; iz month-1; i++) {
                                                          dayofyear + = months [i];
                                                      dayOf year + = day;
                                                      typedet * std: multy map / int, string >:: iterator mapit;
typedet * std: multy map / int, string >:: iterator mapit;
pair / mapit, mapit >= result = events . equal range (
day of Year);
                                                       vectorz string> day Events = { 3;
                                                    for (maple it = result. first; it! = result. second; it++)
                                         day Events. push-back (it > second);
return day Events;
```

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                                                             Maptibilior Oneco
18 Mu-2.
0) set Lint> v {....3;
   1) set Lint>:: reverse_iterator rit;
for (rit= v.rbegin(); rit!= v.reend(); rit++)
cout LL*rit LL" ";
 2) for (auto i't = v. begin(); it!= v. end (); ++ it) {

if ('it %2) {

cout 44'it 44" ";
 3) for_each (v.cbegin(), v.cend(), [] (const auto8a) {
if (a %02!=0) cout 22 a 22"; 3);
C) # include ciostreom>
      # include Lnutex>
      # Include c'threead>
      using namesperce stol;
       int main () s
          mutex;
         thread thread 1 ([2 mtx] () {
while (true) with ():
                cout 44 rand (1º10 10 40 11
                mtx. unlock();
         fhread thread 2 ([& mtx] () {
              while (true) f
                mtx. lock();
coutechar ('A'+ rand ()%/026) Lc" ";
                 mtx. unlock();
        thread 1. join ();
thread 2. join ();
```