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#include <bits/stdc++.h>
using namespace std;
#define LL long long int
vector<pair<int, int>> ev;
bool compare(pair<int, int> a, pair<int, int> b) {
   if (a.first != b.first) return a.first < b.first;</pre>
   return a.second < b.second;</pre>
int main() {
   int n, i;
   cin >> n;
   for (i=0;i<n;i++) {</pre>
       int x, y, d;
       ev.push back(\{x, x+d\});
   sort(ev.begin(), ev.end(), compare);
  LL op = 0, cl = -1, ans = 0;
   for (auto it : ev) {
       if (cl < it.first) {</pre>
           ans += cl - op + 1;
           op = it.first;
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cl = it.second;
} else cl = max(cl, it.second * 1LL);
}
ans += cl - op + 1;
cout << ans << '\n';
return 0;
}</pre>
```