

12/

```
⊘ C++14 ∨
                  00:00:00
                                 12 px ∨
                                                                         for(int i=1;i<=n;i++){</pre>
13
14
             dis[i]=1e18;
15
             vis[i]=0;
16
17
         dis[1]=0;
18
         priority_queue<pp>pq;
19
         pq.push(MP(-0,1));
20
         while(!pq.empty()){
21
             pp v=pq.top();
22
             //v=dis,node
23
             pq.pop();
24
             if(vis[v.second]==1){
25
                 continue;
26
27
             vis[v.second]=1;
28
             for(auto i:g[v.second]){
29
                 lli weight=i.second;
30
                lli neigh=i.first;
31
                if(dis[neigh]>dis[v.second]+weight){
32
                     dis[neigh]=dis[v.second]+weight;
33
                     pq.push(MP(-dis[neigh],neigh));
34
                }
35
  Sample Tests
                  Manual Tests
 Test Case 1
    ✓ ACCEPTED
 Input
   3 4
                                                   Run on Sample
    Console
```