```
queue < P, vector < P > greater < P > > 
  q; memset(d, inf, sizeof(d)); d[s] =
  0; q.push(P(0,s)); while (!q.empty()) Pp = q.top(); q.pop(); intu = p.second; if(d[u] < p.first) continue; for(inti = 0; i < q.pop(); intu = p.second; if(d[u] < p.first) continue; for(inti = 0; i < q.pop(); intu = p.second; if(d[u] < q.pop(); intu = q.second; if(d[u] < q.pop(); i
    ford(ints)memset(d,inf,sizeof(d)); d[s] = 0; //n - 1, nfor(inti = 1; i <= n; i + +) intflag = 0; for(intj = 0; j < edgecolorization) | ford(ints)memset(d,inf,sizeof(d)); d[s] | ford(ints)memset(d,
  back(Edgev, w); a[v].push_back(Edgeu, w);
  queue < P, vector < P > P
 \overrightarrow{P} eater <
 P>> que; //ms(dist, INF); //ms(dist2, INF); fill(dist, dist+
 n, INF); fill(dist2, dist2+
n, INF); dist[0] =
  0; que.push(P(0,0)); while(que.size())Pu = que.top(); que.pop(); intv = u.second; lld = u.first; if(dist2[v] < d)continue
  [intdep[maxn], n, m, rt, fa[maxn][20]; intv[maxn] =
  back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(dep, inf, sizeof(dep)); v[0] = back(b); son[b].push_back(a); memset(fa, 0, sizeof(fa)); memset(fa, 0, sizeof(fa));
    1; dep[0] =
  0; dfs(0,rt); for(inti =
  1; i <=
  m; i+
  +\underline{)}inta, b; scanf("printf("return0;
 \stackrel{c}{1};
 \begin{array}{l} c; //nowDFSdfs_{c}dep[dfs_{c}] = \\ d; //nowvis[dfs_{c} + \end{array}
  +|=
  \stackrel{.}{now};//DFSdfs_{c}nowdfs_{c}for(inti=
 \begin{split} g[now].size(); i+\\ +)if(g[now][i]! = pre)dfs(now, g[now][i], d+1); vis[dfs_c] = now; dep[dfs_c++] = d; \end{split}
 c; i+
+)cout <<
 dep[i] <<

\begin{array}{l}
    \vdots \\
    \vdots 
  df_{s_c}; i+
  +)cout <<
 vis[i] << \\ ""; cout << \\ ""; for(inti = 1; i <= 
  n; i+
    +)cout <<
 id[i] <<
 ""; cout <<
  back(b); g[b].push_back(a); dfs(0, rt, 1); getSt(dfs_c); //check(n); for(inti = 0)
    +)inta, b; scanf("printf("return0;
  ^{1}].iscut =
  1; elselow[u] = min(low[u], dfn[v]);
  ^{1}].val+=
  \vec{a}; returna; return0;
    ^{1}].val+=
 a; rflow - =
a; /if(rflow < =
0)break; //break//udepif(rflow = =
    flow)dep[u] =
             -2; return flow-
  rflow; //
  back(); if(find(temp.node1)! =
    find(temp.node2))sum + = temp.cost; n - -; join(temp.node1, temp.node2); if (n! = temp
  1edges.empty())sum =
       -1; returnsum;
    back(t); result =
  kruskal(n); if(result ==
    -1)cout <<
 "orz" <<
endl; elsecout <<
  \begin{array}{l} result << \\ endl; return0; \end{array}
\begin{array}{l} \text{(iii): } return\\ queue < \\ P, vector < \\ P > \end{array}
```

, greater <