```cpp
//日期: 2018/ 时间:
#include <stdio.h>
#include <stdlib.h>
#include <algorithm>
#include <cstring>
using namespace std;

const int maxv = 510;
const int INF = 1000000000;
int n,m,c1,c2;              //节点数量，边数，起点，终点
int G[maxv][maxv];
int d[maxv];
bool vis[maxv] = {false};
int weight[maxv];       //点权
int w[maxv];
int num[maxv];          //记录路径数量

void Dijkstra(int s){
    fill(d,d+maxv,INF);
    memset(num,0,sizeof(num));
    memset(w,0,sizeof(w));
    w[s] = weight[s];
    num[s]=1;
    d[s] = 0;

    for(int i=0;i<n;i++){
        int u=-1,MIN = INF;
        for(int j=0;j<n;j++){
            if(vis[j] == false && d[j] < MIN){
                u = j;
                MIN = d[j];
            }
        }
        if(u == -1) return;

        vis[u] = true;
        for(int v=0;v<n;v++){
            if(vis[v] == false && G[u][v]!=INF){
                if(d[u] + G[u][v] < d[v]){
                    d[v] = d[u] + G[u][v];
                    w[v] = w[u] + weight[v];
                    num[v] = num[u];
                } else if(d[u] + G[u][v] == d[v]){
                    if( w[u] + weight[u] > w[v])
                        w[v] = w[u] + weight[v];
                    num[v]+=num[u];
                }
            }
        }

    }

}

int main(){
    scanf("%d%d%d%d",&n,&m,&c1,&c2);
```

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57
58      fill(G[0],G[0]+maxv*maxv,INF);
59
60      for(int i=0;i<n;i++)
61          scanf("%d",&weight[i]);
62      int v1,v2,v;
63      for(int i=0;i<m;i++){
64          scanf("%d%d%d",&v1,&v2,&v);      //v1->v2 v为边权
65          G[v1][v2] = v;
66          G[v2][v1] = v;
67      }
68
69      Dijkstra(c1);
70
71      printf("%d %d",num[c2],w[c2]);
72
73      return 0;
74  }
75
76
```