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#include <iostream.h>
#define max 1201
void readfile(int c[max][max], int &n, int &vv);
int selectnextcity(int c[max][max], int &n, int i);
void GTS1(int c[max][max], int n, int starcity);
int c[max][max],n,vv;
int visit[max],tour[max];
int main()
{
    readfile(c,n,vv);
    GTS1(c,n,vv);// bat dau tu dinh 500
}

int selectnextcity(int c[max][max], int &n, int i)
{
    int m,min=INT_MAX;
    for (int j=1;j<=n;j++)
        if (visit[j]==0 && c[i][j]<min)
            {
                min=c[i][j];
                m=j;
            }
    return m;
}

void readfile(int c[max][max], int &n, int &vv)
{
    FILE *f;
    f=fopen("gts1.txt","rt");
    fscanf(f,"%d%d",&n, &vv);
    cout<<n<<" "<<vv<<endl;
    for (int i=1;i<=n;i++)
        for (int j=1;j<=n;j++)
            fscanf(f,"%d",&c[i][j]);
    fclose(f);
}

void GTS1(int c[max][max], int n, int starcity)
{
    int w,d=1, cost=0;
    tour[d]=starcity;
    visit[starcity]=1;
    int currentcity=starcity;
    for (int i=1;i<=n;i++)
        {
            w=selectnextcity(c,n,currentcity);
            tour[++d]=w;
            visit[w]=1;
            cost+=c[currentcity][w];
            currentcity=w;
        }
}

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    }  
    cost+=c[currentcity][starcity];  
    cout<<"result:"<<cost<<endl;  
}
```