void search (int n, string name[], string tele[])

{

bool found=false;

string sname; int first=1, middle, last=n,foundAt=0;

cout << "Search Name? ";cin >> sname;

do

{

while (!found && first<=last)

{

middle=(first+last)/2;

if (name[middle] == sname)

{

found = true; foundAt=middle;

}

else

if (name[middle] < sname)

first=middle+1;

else

last = middle-1;

}

if (found)

cout << "telephone number: "<<tele[foundAt] <<endl;

else cout <<"Name not in the list! \n";

found=false;first=1;last=n;

cout << "Search Name 'quit' to end? ";cin >> sname;

}while(sname!="quit");

}