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");

}