

```

function checkit(struct s a[]){
    flag=0
    for(i=0 to n)
        if(a[i].next!=NULL)
            if(a[i].next.next!=NULL)
                print -1
            return
    print 1
}

```

```

function hash(string str)
    index=0;
    int len=strlen(str)
    for(i=0 to len)
        if(isupper(str[i])
            index=str[i]-65
        else
            index=str[i]-98

```

```

function delete(struct s a,string str)
    index=hash(str)
    struct s sel
    if(arr[index]!=NULL){
        sel=arr[index]

        while(sel.st!=str)
            sel=sel.nxt
        prev=sel
        prev.nxt=sel.nxt
    }

```

```

function insert(struct s a,string str)
    struct s b.b.st=str

```

```
b.nxt=NULL  
index=hash(str)  
head=a[i]  
b.nxt=head  
a[i]=b
```

```
function main()  
    struct s a  
    read n  
    for(i=0 to n)  
        a[i]=NULL  
    do{  
        read ch  
        switch(ch)  
            case i  
                read str  
                insert(a,str)  
            case d  
                read str  
                delete(a,str)  
            case p  
                checkit(a)  
    }while ch!='t'
```