

```

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
        sel.nxt=sel.nxt.nxt
    }

```

```

function insert(struct s a,string str)
    struct s 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'
```