

1 Show basic array

```
>{SupervisorRecords} struct =>  
> {lastname} => {}  
> {firstname} => {}  
> {kthid} => {}  
> {email} => {}  
> {organization} => {}  
> {school} => {}  
> {department} => {}
```

Terms:

start of false case

start of false case

start of false case

Nothing to process

2 Show basic array

```
>{SupervisorRecords} struct =>  
> {lastname} => {}  
> {firstname} => {}  
> {kthid} => {}  
> {email} => {}  
> {organization} => {}  
> {school} => {}  
> {department} => {}
```

Terms:

```
>{SupervisorRecords[1]} (idx: A) =>  
> {lastname} => {Maguire}  
> {firstname} => {Gerald}  
> {kthid} => {uld12345}  
> {email} => {maguire@kth.se}  
> {organization} => {}  
> {school} => {EECS}  
> {department} => {Computer Science}  
>{SupervisorRecords[Maguire]} (idx: A) =>  
> {lastname} => {Maguire}  
> {firstname} => {Gerald}  
> {kthid} => {uld12345}  
> {email} => {maguire@kth.se}  
> {organization} => {}  
> {school} => {EECS}
```

```

> {department} => {Computer Science}
> {SupervisorRecords[2]} (idx: B) =>
> {lastname} => {Doe}
> {firstname} => {Jane}
> {kthid} => {}
> {email} => {jane.doe@example.com}
> {organization} => {University of Example}
> {school} => {}
> {department} => {}
> {SupervisorRecords[Doe]} (idx: B) =>
> {lastname} => {Doe}
> {firstname} => {Jane}
> {kthid} => {}
> {email} => {jane.doe@example.com}
> {organization} => {University of Example}
> {school} => {}
> {department} => {}
> {SupervisorRecords[3]} (idx: C) =>
> {lastname} => {Smith}
> {firstname} => {John}
> {kthid} => {}
> {email} => {}
> {organization} => {}
> {school} => {ITM}
> {department} => {}
> {SupervisorRecords[Smith]} (idx: C) =>
> {lastname} => {Smith}
> {firstname} => {John}
> {kthid} => {}
> {email} => {}
> {organization} => {}
> {school} => {ITM}
> {department} => {}

```

3 Iterating over all terms

some text supervisor's last name: Maguire and (if any) kthid: uld12345
some text supervisor's last name: Doe and (if any) kthid:
some text supervisor's last name: Smith and (if any) kthid: