1 Show basic array

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

Terms:

2 Iterate through all supervisors (before filling)

No supervisors

3 Fill-in the data

start of false case
start of false case
start of false case
Nothing to process

4 Show basic array after filling in supervisors

>{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[S1]} (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[S2]} (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[S3]} (idx: C) =>
> {lastname} => {Smith}
> {firstname} => {John}
> {kthid} => {}
> {email} => {}
> {organization} => {}
> {school} => {ITM}
> {department} => {}

5 Try getting some data about the supervisors

5.1 Get first supervisor's lastname

Get lastname of first supervisor: Maguire

6 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:

6.1 Another way of iterating through all supervisors

Supervisor 1: Maguire
Supervisor 2: Doe
Supervisor 3: Smith

7 An alternative iterator approach

Gerald Maguire, Jane Doe, and John Smith

8 Yet another iterator approach - output JSON-like output

For the moment, we will just output the SupervisorRecords in a JSON-like format; later, they will be changed into writes to a file that can be attached to the PDF file.

"Supervisor1":{"Lastname": "Maguire", "Firstname": "Gerald", "LocalUserId": "uld12345", "E-mail": "maguire@kth.se", "organisation":{"L1": "EECS", "L2": "Computer Science"}},

"Supervisor2":{"Lastname": "Doe", "Firstname": "Jane", "E-mail": "jane.doe@example.com", "Other organisation": "University of Example"}},

"Supervisor3":{"Lastname": "Smith", "Firstname": "John", "organisation":{"L1": "ITM"}}