Fn0

faculty

|  |  |
| --- | --- |
| Name-f | f-id |
|  |  |

department --> faculty(has)

Department

|  |  |  |
| --- | --- | --- |
| D-id | f-id | D-Name |
|  |  |  |

professor--> faculty(work)

professor

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| p-Scientific degree | p-Study Stage | p- Level | p-Name | f-id | Pro-id |
|  |  |  |  |  |  |

student--> faculty(study)

student

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scientific degree | Study Stage | level | Name | f-id | St-id |
|  |  |  |  |  |  |

Professor--> department(head)

department

|  |  |  |
| --- | --- | --- |
| p-id | f-id | D-Name |
|  |  |  |

Professor--> department(follow)

Professor

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| p-Scientific degree | p-Study Stage | p- Level | p-Name | D-id | p-id |
|  |  |  |  |  |  |

department --> course(supervise)

course

|  |  |  |
| --- | --- | --- |
| Name-c | D-id | C-code |
|  |  |  |

Professor--> student(evaluate)

Professor\_student

|  |  |  |
| --- | --- | --- |
| p\_evaluate | p-id | st-id |
|  |  |  |

course--> student(evaluate)

course\_ student

|  |  |  |
| --- | --- | --- |
| c\_evaluate | c-code | st-id |
|  |  |  |

course--> professor(teach)

course\_professor

|  |  |
| --- | --- |
| P-id | st-id |
|  |  |

course--> professor-->student

CPS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| c\_result | Time | Place | Password | c-code | st-id | P-id |
|  |  |  |  |  |  |  |

Question\_bank--> course (has)

Question\_bank

|  |  |  |  |
| --- | --- | --- | --- |
| A,B,C | Choose corect | c-code | Q-id |
|  |  |  |  |

Fn1

faculty

|  |  |
| --- | --- |
| Name-f | f-id |
|  |  |

department --> faculty --> professor(head)

Department

|  |  |  |  |
| --- | --- | --- | --- |
| Name-dep | p-id-head | f-id | D-id |
|  |  |  |  |

professor--> faculty--> department (work)

professor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scientific degree-p | Study Stage-p | Level-p | Name-p | f-id | D-id | Pro-id |
|  |  |  |  |  |  |  |

student--> faculty(study)

student

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scientific degree | Study Stage | level | Name | f-id | St-id |
|  |  |  |  |  |  |

department --> course(supervise)

course

|  |  |  |
| --- | --- | --- |
| Name-c | D-id | C-code |
|  |  |  |

Professor--> student(evaluate)

Professor\_student

|  |  |  |
| --- | --- | --- |
| p\_evaluate | p-id | st-id |
|  |  |  |

course--> student(evaluate)

course\_ student

|  |  |  |
| --- | --- | --- |
| c\_evaluate | c-code | st-id |
|  |  |  |

course--> professor(teach)

course\_ professor

|  |  |
| --- | --- |
| P-id | st-id |
|  |  |

course--> professor-->student(exam)

CPS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| c\_result | Time | Place | Password | c-code | st-id | P-id |
|  |  |  |  |  |  |  |

Question\_bank--> course (has)

Question\_bank

|  |  |  |  |
| --- | --- | --- | --- |
| A,B,C | Choose corect | c-code | Q-id |
|  |  |  |  |

Fn2

faculty

|  |  |
| --- | --- |
| Name-f | f-id |
|  |  |

department --> faculty --> professor(head)

Department

|  |  |  |  |
| --- | --- | --- | --- |
| Name-dep | p-id-head | f-id | D-id |
|  |  |  |  |

professor--> faculty--> department (work)

professor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scientific degree-p | Study Stage-p | Level-p | Name-p | f-id | D-id | Pro-id |
|  |  |  |  |  |  |  |

student--> faculty(study)

student

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scientific degree | Study Stage | level | Name | f-id | St-id |
|  |  |  |  |  |  |

department --> course(supervise)

course

|  |  |  |
| --- | --- | --- |
| Name-c | D-id | C-code |
|  |  |  |

Professor--> student(evaluate)

Professor\_student

|  |  |  |
| --- | --- | --- |
| p\_evaluate | p-id | st-id |
|  |  |  |

course--> student(evaluate)

course\_ student

|  |  |  |
| --- | --- | --- |
| c\_evaluate | c-code | st-id |
|  |  |  |

course--> professor(teach)

course\_professor

|  |  |
| --- | --- |
| P-id | st-id |
|  |  |

course--> professor-->student(exam)

CPS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| c\_result | Time | Place | Password | c-code | st-id | P-id |
|  |  |  |  |  |  |  |

Question\_bank--> course (has)

Question\_bank

|  |  |  |  |
| --- | --- | --- | --- |
| A,B,C | Choose corect | c-code | Q-id |
|  |  |  |  |

Fn3

faculty

|  |  |
| --- | --- |
| Name-f | f-id |
|  |  |

department --> faculty --> professor(head)

Department

|  |  |  |  |
| --- | --- | --- | --- |
| Name-dep | p-id-head | f-id | D-id |
|  |  |  |  |

professor--> faculty--> department (work)

professor

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Scientific degree-p | Study Stage-p | Level-p | Name-p | f-id | D-id | Pro-id |
|  |  |  |  |  |  |  |

student--> faculty(study)

student

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Scientific degree | Study Stage | level | Name | f-id | St-id |
|  |  |  |  |  |  |

department --> course(supervise)

course

|  |  |  |
| --- | --- | --- |
| Name-c | D-id | C-code |
|  |  |  |

course--> professor(teach)

course\_professor

|  |  |
| --- | --- |
| P-id | C-code |
|  |  |

Professor--> student(evaluate)

Professor\_student

|  |  |  |
| --- | --- | --- |
| p\_evaluate | p-id | st-id |
|  |  |  |

course--> student(evaluate)

course\_ student

|  |  |  |
| --- | --- | --- |
| c\_evaluate | c-code | st-id |
|  |  |  |

course--> professor-->student(exam)

CPS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| c\_result | Time | Place | Password | c-code | st-id | P-id |
|  |  |  |  |  |  |  |

Question\_bank--> course (has)

Question\_bank

|  |  |  |  |
| --- | --- | --- | --- |
| A,B,C | Choose corect | c-code | Q-id |
|  |  |  |  |