



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of UGC Act, 1956

DBMS LAB

- Name : HITU RAJ
- Roll no. : 2005025
- Branch : CSE

```
CREATE TABLE employee2005025(  
empid VARCHAR(10),  
empname VARCHAR(50),  
dob DATE,  
salary INT,  
CONSTRAINT salcheck CHECK (salary>0),  
PRIMARY KEY(empid)  
);
```

```
INSERT INTO employee2005025 VALUES('E1005', 'HITU', '2001-04-27', 91000);  
INSERT INTO employee2005025 VALUES('E1001', 'simram Kumari', '1992-01-02', 78000);  
INSERT INTO employee2005025 VALUES('E1002', 'ramesh Kumar', '1993-12-06', 81000);  
INSERT INTO employee2005025 VALUES('E1003', 'AYUSH Kumar', '1991-11-27', 89000);  
INSERT INTO employee2005025 VALUES('E1004', 'isha Kumar', '1994-11-16', 72000);  
SELECT * FROM employee2005025;
```

```
CREATE TABLE department2005025(  
deptid VARCHAR(10),
```

```
budget INT,  
managerid Varchar(10),  
CONSTRAINT fk FOREIGN KEY(managerid) REFERENCES employee2005025(empid),  
PRIMARY KEY(deptid)  
);  
INSERT INTO department2005025 VALUES('D1001',2000000,'E1001');  
INSERT INTO department2005025 VALUES('D1002',2500000,'E1003');  
SELECT * FROM department2005025;  
DESC employee2005025;  
DESC department2005025;  
Select * FROM employee2005025 where salary>80000;  
SELECT empname,timestampdiff(month,DOJ,now()) as AGE FROM employee2005025;  
Select managerid from department2005025 where budget=(select max(budget) from  
department2005025);
```

employee2005025

1 SELECT * FROM employee2005025

Free 1

Input To Search Data

		* empid varchar(10)	empname varchar(50)	dob date	salary int
	1	E1001	simram Kumari	1992-01-02	78000
	2	E1002	ramesh Kumar	1993-12-06	81000
	3	E1003	AYUSH Kumar	1991-11-27	89000
	4	E1004	isha Kumar	1994-11-16	72000
	5	E1005	HITU	2001-04-27	91000

Cost: 4ms < 1 > Total 5

department2005025

1 SELECT * FROM department2005025

Free 1

Input To Search Data

		* deptid varchar(10)	budget int	managerid varchar(10)
	1	D1001	2000000	E1001
	2	D1002	2500000	E1003

Cost: 3ms < 1 > Total 2

Data

1 DESC employee2005025

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Key

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Extra

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	1	empid	varchar(10)	NO	PRI	(NULL)	
	2	empname	varchar(50)	YES		(NULL)	
	3	dob	date	YES		(NULL)	
	4	salary	int	YES		(NULL)	

Data

1 DESC department2005025

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Extra

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	1	deptid	varchar(10)	NO	PRI	(NULL)	
	2	budget	int	YES		(NULL)	
	3	managerid	varchar(10)	YES	MUL	(NULL)	

employee2005025

1 Select * FROM employee2005025 where salary>80000

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Total 3

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* empid

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empname

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dob

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salary

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varchar(10)

varchar(50)

date

int

❑	1	E1002	ramesh Kumar	1993-12-06	81000
❑	2	E1003	AYUSH Kumar	1991-11-27	89000
❑	3	E1005	HITU	2001-04-27	91000

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