**TASK 4**

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | computer | mr.desai | pune |
| 2 | commers | mr.shinde | pune |
| 3 | stat | miss.mane | pune |
| 4 | maths | mr.kadam | pune |
| 5 | sci | mr.deshmuk | pune |
| 6 | evs | mr.kumbar | pune |
| 7 | it | mr.shitole | pune |

*Table dep :*

use db; 🡪

insert into dep values(1,'computer','mr.desai','pune'),

(2,'commers','mr.shinde','pune'),

(3,'stat','miss.mane','pune'),

(4,'maths','mr.kadam','pune'),

(5,'sci','mr.deshmuk','pune'),

(6,'evs','mr.kumbar','pune'),

(7,'it','mr.shitole','pune');

select \* from dep;

*Table project :*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 101 | xyz | 10-02-2022 | 15000 | C | 5 |
| 102 | ab | 5-05-2022 | 20000 | I | 1 |
| 103 | lm | 12-07-2022 | 10000 | C | 2 |
| 104 | gh | 22-08-2022 | 5000 | P | 3 |
| 105 | op | 10-11-2022 | 8000 | C | 5 |
| 106 | yz | 10-09-2022 | 7000 | I | 4 |
| 107 | df | 10-01-2022 | 6580 | P | 2 |
| 108 | sr | 10-02-2022 | 9856 | P | 3 |

use db; 🡪

insert into project values(101,'xyz','10-02-2022',15000,'C',5),

(102,'ab','5-05-2022',20000,'I',1),

(103,'lm','12-07-2022',10000,'C',2),

(104,'gh','22-08-2022',5000,'P',3),

(105,'op','10-11-2022',8000,'C',5),

(106,'yz','10-09-2022',7000,'I',4),

(107,'df','10-01-2022',6580,'P',2),

(108,'sr','10-02-2022',9856,'P',3);

1. use db;

alter table dep

drop column loc;

3. use db;

select pname,dname

from dep,project

where dep.dno=project.dno

and status='C';

4. use db;

select sum(budget),dname

from dep,project

where dep.dno=project.dno

group by dname;

5. use db;

select dname ,pname as incomp\_project

from dep,project

where dep.dno=project.dno

and status='I'

group by dname,pname;

6. use db;

select pname as project\_name

from dep,project

where dep.dno=project.dno

and HOD='mr.deshmuk';

7. use db;

select HOD,dname

from dep

group by HOD,dname;

8. use db;

select \*

from project

where pname like 'a%' and budget>10000

order by pname desc;

9. use db;

select \*

from project

where budget=(select max(budget) from project);