

# JSON

Display the Employee details whose project name is "LMS"

```
mysql> select * from project where project_name="LMS";
```

Display the Project name , front end , back end from the project table where employee name is "Aditya"

```
select p.project_id,p.Project_name,p.Front_end,p.back_end,e.ename from employee e join project p on e.project_id=p.project_id where e.ename="Aditya";
```

Display the total number of employee according to project wise

```
select p.project_name,count(e.eid) from employee e join project p on p.project_id=e.project_id group by p.project_name,p.project_details;
```

Display the employee details who is working "HTML" as front end and "MYSQL" as back end.

```
select * from employee e join project p on p.project_id=e.project_id where p.Front_end="Html" and p.back_end="MYSQL";
```

Display the object title and year from the JSON field Project details

```
mysql> select project_details -> "$.Title",project_details->"$.Year" from project;
```

Display the Project name and object year and duration from the JSON field where title is "Doctor APP"

```
mysql> select project_name,project_details->"$.Title",project_details->"$.Year" from project where project_details->"$.Title" ="Doctorhub";
```

Display the object title from the JSON field where year will be 2020.

```
select json_extract(project_details,"$.Title") from project where json_extract(project_details,"$.Year")='2020';
```

Add new object month in the JSON field where title is "e-nursery"

```
mysql> update project set project_details=json_set(project_details,'$.Month','January') where json_extract(project_details,"$.Title")='e-nursury';
```

Remove the object duration from the JSON field where project id is 02

update project set project\_details=json\_remove(project\_details,"\$.duration") where project\_id=2;

Add new object month in the JSON field where title is "e-nursery"

update project set project\_details=json\_set(project\_details,'\$.Title','e-farming') where  
json\_extract(project\_details,"\$.Title")='e-nursury';

Remove the object duration from the JSON field where project id is 02

update project set project\_details=json\_remove(Project\_details,"\$.duration") where project\_id=2;

Update the object title as E-farming where title is e-nursery in the JSON field.

update project set project\_details=json\_replace(Project\_details,"\$Title","e-farming") where  
json\_extract(project\_details,"\$.Title")='e-nursury';

Display the length of the JSON field.

mysql> select length(project\_details) from project;

Display the title from the JSON field using extract function.

mysql> select project\_details->'\$.Title' from project;

Display the table in well formed with the help of appropriate function.

select \* from project;