














Nimbus gives online Visual Studio Code environment to build projects. You can choose from the below readily available templates to start building your project. If the template you are looking for is not available, you can always create a new workspace from scratch using the Alpine template.

Your Workspaces

Below, you'll find a list of your workspaces. Simply click on the workspace to resume your work

Template	Name	Status	Created	Actions
 MySQL	exp 1 practice 2	stopped	3 days ago	  OPEN >
 HTML	43rm6trsp	stopped	12 days ago	  OPEN > 
 HTML	43rax8m2m	stopped	15 days ago	  OPEN > 

byteXL

Home

Dashboard

Feedback Requests

Reports

Student Reports

Learning

AI Mentor (Beta)

Courses

Classes

Editor

Lab

Assessment

Nimbus

Nimbus Submissions

Nimbus Apps



< Home

Items Queries

Search

Tables

courses

demo

departments

Functions

Procedures

MySQL - db_43sdrsa6z

```
1 CREATE TABLE Departments (  
2   dept_id INT PRIMARY KEY,  
3   dept_name VARCHAR(50) NOT NULL  
4 );  
5  
6 CREATE TABLE Courses (  
7   course_id INT PRIMARY KEY,  
8   course_name VARCHAR(100) NOT NULL,  
9   dept_id INT NOT NULL,  
10  FOREIGN KEY (dept_id) REFERENCES Departments(dept_id)  
11 );  
12  
13 INSERT INTO Departments (dept_id, dept_name) VALUES  
14 (1, 'Computer Science'),  
15 (2, 'Electrical'),  
16 (3, 'Mechanical'),  
17 (4, 'Civil');
```

course_id	course_name	dept_id
101	DBMS	1
102	Operating Systems	1
103	Data Structures	1
104	Digital Circuits	2
105	Power Systems	2
106	Thermodynamics	3



```
18 (5, 'Electronics');
19
20 INSERT INTO Courses (course_id, course_name, dept_id) VALUES
21 (101, 'DBMS', 1),
22 (102, 'Operating Systems', 1),
23 (103, 'Data Structures', 1),
24 (104, 'Digital circuits', 2),
25 (105, 'Power systems', 2),
26 (106, 'Thermodynamics', 3);
27
28 SELECT dept_name
29 FROM Departments
30 WHERE dept_id IN (
31     SELECT dept_id
32     FROM Courses
33     GROUP BY dept_id
34     HAVING COUNT(course_id) > 2
```

course_id	course_name	dept_id
101	DBMS	1
102	Operating Systems	1
103	Data Structures	1
104	Digital Circuits	2
105	Power Systems	2
106	Thermodynamics	3



```
26 (100, 'thermodynamics', 3);
27
28 SELECT dept_name
29 FROM Departments
30 WHERE dept_id IN (
31     SELECT dept_id
32     FROM Courses
33     GROUP BY dept_id
34     HAVING COUNT(course_id) > 2
35 );
36
37
38 describe Departments;
39 describe Courses;
40 select * from Departments;
41 select * from Courses;
```

course_id	course_name	dept_id
101	DBMS	1
102	Operating Systems	1
103	Data Structures	1
104	Digital Circuits	2
105	Power Systems	2
106	Thermodynamics	3

