

Q1:-WAQ to display the details of all countries.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 use cdacl;  
2 show tables;  
3 select * from countries;  
4  
5  
6
```

The Result Grid displays the following data:

country_id	country_name	region_id
AR	Argentina	2
AU	Australia	3
BE	Belgium	1
BR	Brazil	2
CA	Canada	2
CH	Switzerland	1
CN	China	3
DE	Germany	1
DK	Denmark	1
EG	Egypt	4
FR	France	1
HK	Hongkong	3
IL	Israel	4
...

The Output pane shows the execution log with the following messages:

```
# Time Action Message  
164 16:55:41 select employee_number,employee_name,phone_number from employees where department_id= 8 LIMIT 0, 10... Error Code: 1054. Unknown column 'employee_number' in 'field list'  
165 16:56:02 select employee_id,last_name,phone_number from employees where department_id= 8 LIMIT 0, 1000 6 row(s) returned  
166 16:59:16 select employee_id,last_name,department_id from employees where hire_date=2000-01-04 LIMIT 0, 1000 1 row(s) returned  
167 17:01:22 select employee_id,last_name,department_id from employees where job_id='10' and salary<10000 LIMIT 0, 1000 0 row(s) returned  
168 17:03:06 select employee_id,last_name,department_id from employees where department_id=6 or hire_date=1999-12-31... 5 row(s) returned  
169 17:05:24 select * from countries LIMIT 0, 1000 25 row(s) returned
```

A small overlay window titled "Database Class" is visible in the bottom right corner, showing a red circle with the letter 'C' and the text "CDAC, NOIDA".

Q2:- WAQ to display the employee number,name,phonenummer of those employees who are in department 8.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
14 select * from regions;  
15 select * from salgrade;  
16 desc employees;  
17 select employee_id,last_name,salary,salary*12 from employees;  
18 select employee_id,last_name,phone_number from employees where department_id= 8;  
19
```

The Result Grid displays the following data:

employee_id	last_name	phone_number
145	Russell	0208
146	Partners	0208
176	Taylor	0208
177	Livingston	0208
178	Grant	0208
179	Johnson	0208

The Output pane shows the execution log with the following messages:

```
# Time Action Message  
160 15:08:56 select * from departments LIMIT 0, 1000 11 row(s) returned  
161 15:09:08 select * from employees LIMIT 0, 1000 40 row(s) returned  
162 15:24:34 desc employees 10 row(s) returned  
163 15:27:26 select employee_id,last_name,salary,salary*12 from employees LIMIT 0, 1000 40 row(s) returned  
164 16:55:41 select employee_number,employee_name,phone_number from employees where department_id= 8 LIMIT 0, 10... Error Code: 1054. Unknown column 'employee_number' in 'field list'  
165 16:56:02 select employee_id,last_name,phone_number from employees where department_id= 8 LIMIT 0, 1000 6 row(s) returned
```

A small overlay window titled "Database Class" is visible in the bottom right corner, showing a green circle with the letter 'A' and the text "amitapati/745 (Guest)".

Q3. WAQ to display details of those employees who were hired in the year 4th Jan 2000.

MySQL Workbench interface showing a query execution for employees hired on 2000-01-04. The query is: `select employee_id, last_name, department_id from employees where hire_date='2000-01-04';`. The result grid displays one row: employee_id 179, last_name Johnson, department_id 8. The output pane shows the execution log with a message: Error Code: 1054. Unknown column 'employee_number' in 'field list'.

Q4. WAQ to display details of those employees who jobid is 10 and salaries are less than 10000.

MySQL Workbench interface showing a query execution for employees with job_id 10 and salary less than 10000. The query is: `select employee_id, last_name, department_id from employees where job_id='10' and salary < 10000;`. The result grid displays one row: employee_id 1, last_name CDAC1, department_id 10. The output pane shows the execution log with a message: 0 row(s) affected.

Q5. WAQ to display the details of those employees either department is 6 or the hiredate is in year 31st Dec 1999.

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
select employee_id,last_name,department_id from employees where department_id=6 or hire_date='1999-12-31';
```

The query results are displayed in the Result Grid, showing 5 rows of data:

employee_id	last_name	department_id
103	Hunold	6
104	Ernst	6
105	Austin	6
106	Pataballa	6
107	Lorentz	6

The Output pane at the bottom shows the execution log:

#	Time	Action	Message
1	17:44:46	use cdac1	0 row(s) affected
2	17:44:50	select employee_id,last_name,department_id from employees where job_id='10' and salary<10000 LIMIT 0, 1000	0 row(s) returned
3	17:45:58	select employee_id,last_name,department_id from employees where department_id=6 or hire_date='1999-12-31' ...	5 row(s) returned