```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: create database student_mgmtB

1 row(s) affected

Execution Time : 0 sec
Transfer Time  : 0.001 sec
Total Time     : 0.002 sec
```

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: create table student( cid varchar(5), roll
int primary key, sname varchar(50) not null,
address varchar(30), phone numeric(10,0)...

0 row(s) affected

Execution Time : 0.138 sec
Transfer Time  : 0 sec
Total Time     : 0.138 sec
```

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: insert into course(cid,course_name,faculty)
values('BIM','Bachelors in Information
Management','IT'), ('BHM','Bachelors in Hotel...

8 row(s) affected

Execution Time : 0.023 sec
Transfer Time  : 0 sec
Total Time     : 0.023 sec
```

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: INSERT INTO student (roll, sname, address, phone,
cid, email) VALUES (1, 'Alice', 'Kathmandu', 9800000001,
'BIM', 'alice.@exampl...

20 row(s) affected

Execution Time : 0.081 sec
Transfer Time  : 0 sec
Total Time     : 0.081 sec
```

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: create table course( cid varchar(5) primary
key, course_name varchar(60) not null )

0 row(s) affected

Execution Time : 0.121 sec
Transfer Time  : 0 sec
Total Time     : 0.122 sec
```

```
2 queries executed, 2 success, 0 errors, 0 warnings

Query: alter table student add email varchar(35)

0 row(s) affected

Execution Time : 0.037 sec
Transfer Time  : 0 sec
Total Time     : 0.037 sec
--------------------------------------------------
----

Query: alter table course add faculty varchar(30)

0 row(s) affected

Execution Time : 0.040 sec
Transfer Time  : 0 sec
Total Time     : 0.040 sec
```

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: Update course set faculty = 'Information
Technology' where faculty = 'IT'

3 row(s) affected

Execution Time : 0.043 sec
Transfer Time  : 0 sec
Total Time     : 0.044 sec
```

cid	roll	sname	address	phone	email
BCA	3	Charlie Puth	Bhaktapur	9800000003	charlie.bca@example.com
BFA	16	Penta	Dharan	9800000016	pam.bfa@example.com

roll	sname	address	phone	email	cid
1	Alice	Kathmandu	9800000001	alice.bim@example.com	BIM
3	Charlie	Bhaktapur	9800000003	charlie.bca@example.com	BCA
4	David	Pokhara	9800000004	david.bcsit@example.com	BCSIT
9	Ian	Nepalgunj	9800000009	ian.bim@example.com	BIM
11	Kevin	Kathmandu	9800000011	kevin.bca@example.com	BCA
12	Lily	Lalitpur	9800000012	lily.bcsit@example.com	BCSIT
17	Quinn	Biratnagar	9800000017	quinn.bim@example.com	BIM
19	Sara	Nepalgunj	9800000019	sara.bca@example.com	BCA
20	Tom	Hetauda	9800000020	tom.bcsit@example.com	BCSIT

roll	sname	address	phone	email	cid
5	Eva	Butwal	9800000005	eva.@example.com	BBA
6	Fiona	Dharan	9800000006	fiona.@example.com	BBA
14	Nina	Pokhara	9800000014	nina.@example.com	BBA
16	Penta	Dharan	9800000016	pam.@example.com	BFA
19	Sara	Nepalgunj	9800000019	sara.@example.com	BCA

roll	sname	cid	course_name
5	Eva	BBA	Bachelors in Business Administration
6	Fiona	BBA	Bachelors in Business Administration
13	Mike	BBA	Bachelors in Business Administration
14	Nina	BBA	Bachelors in Business Administration
(NULL)	(NULL)	(NULL)	Bachelors in Business Management
3	Charlie Puth	BCA	Bachelors in Computer Application
11	Kevin	BCA	Bachelors in Computer Application
19	Sara	BCA	Bachelors in Computer Application
4	David	BCSIT	Bachelors in Computer Science & IT
12	Lily	BCSIT	Bachelors in Computer Science & IT
20	Tom	BCSIT	Bachelors in Computer Science & IT
7	George	BE	Bachelors in Engineering
15	Oscar	BE	Bachelors in Engineering
8	Hannah	BFA	Bachelors in Fine Arts
16	Penta	BFA	Bachelors in Fine Arts
2	Bob	BHM	Bachelors in Hotel Management
10	Jane	BHM	Bachelors in Hotel Management
18	Ryan	BHM	Bachelors in Hotel Management
1	Alice	BIM	Bachelors in Information Management
9	Ian	BIM	Bachelors in Information Management
17	Quinn	BIM	Bachelors in Information Management

roll	sname	address	phone	email	course_name	faculty
8	Hannah	Janakpur	9800000008	hannah.@example.com	Bachelors in Fine Arts	Arts
16	Penta	Dharan	9800000016	pam.@example.com	Bachelors in Fine Arts	Arts
3	Charlie Puth	Bhaktapur	9800000003	charlie.@example.com	Bachelors in Computer Application	Information Technology
11	Kevin	Kathmandu	9800000011	kevin.@example.com	Bachelors in Computer Application	Information Technology
19	Sara	Nepalgunj	9800000019	sara.@example.com	Bachelors in Computer Application	Information Technology
4	David	Pokhara	9800000004	david.@example.com	Bachelors in Computer Science & IT	Information Technology
12	Lily	Lalitpur	9800000012	lily.@example.com	Bachelors in Computer Science & IT	Information Technology
20	Tom	Hetauda	9800000020	tom.@example.com	Bachelors in Computer Science & IT	Information Technology
1	Alice	Kathmandu	9800000001	alice.@example.com	Bachelors in Information Management	Information Technology
9	Ian	Nepalgunj	9800000009	ian.@example.com	Bachelors in Information Management	Information Technology
17	Quinn	Biratnagar	9800000017	quinn.@example.com	Bachelors in Information Management	Information Technology
5	Eva	Butwal	9800000005	eva.@example.com	Bachelors in Business Administration	Management
6	Fiona	Dharan	9800000006	fiona.@example.com	Bachelors in Business Administration	Management
13	Mike	Bhaktapur	9800000013	mike.@example.com	Bachelors in Business Administration	Management
14	Nina	Pokhara	9800000014	nina.@example.com	Bachelors in Business Administration	Management
2	Bob	Lalitpur	9800000002	bob.@example.com	Bachelors in Hotel Management	Management
10	Jane	Hetauda	9800000010	jane.@example.com	Bachelors in Hotel Management	Management
18	Ryan	Janakpur	9800000018	ryan.@example.com	Bachelors in Hotel Management	Management
7	George	Biratnagar	9800000007	george.@example.com	Bachelors in Engineering	Science
15	Oscar	Butwal	9800000015	oscar.@example.com	Bachelors in Engineering	Science

roll	sname	address	phone	email	course_name	faculty
1	Alice	Kathmandu	9800000001	alice.@example.com	Bachelors in Information Management	Information Technology
2	Bob	Lalitpur	9800000002	bob.@example.com	Bachelors in Hotel Management	Management
3	Charlie Puth	Bhaktapur	9800000003	charlie.@example.com	Bachelors in Computer Application	Information Technology
4	David	Pokhara	9800000004	david.@example.com	Bachelors in Computer Science & II	Information Technology
5	Eva	Butwal	9800000005	eva.@example.com	Bachelors in Business Administration	Management
6	Fiona	Dharan	9800000006	fiona.@example.com	Bachelors in Business Administration	Management
7	George	Biratnagar	9800000007	george.@example.com	Bachelors in Engineering	Science
8	Hannah	Janakpur	9800000008	hannah.@example.com	Bachelors in Information Management	Information Technology
9	Ian	Nepalgunj	9800000009	ian.@example.com	Bachelors in Information Management	Information Technology
10	Jane	Hetauda	9800000010	jane.@example.com	Bachelors in Hotel Management	Management
11	Kevin	Kathmandu	9800000011	kevin.@example.com	Bachelors in Computer Application	Information Technology
12	Lily	Lalitpur	9800000012	lily.@example.com	Bachelors in Computer Science & II	Information Technology
13	Mike	Bhaktapur	9800000013	mike.@example.com	Bachelors in Business Administration	Management
14	Nina	Pokhara	9800000014	nina.@example.com	Bachelors in Business Administration	Management
15	Oscar	Butwal	9800000015	oscar.@example.com	Bachelors in Engineering	Science
16	Penta	Dharan	9800000016	pam.@example.com	Bachelors in Fine Arts	Arts
17	Quinn	Biratnagar	9800000017	quinn.@example.com	Bachelors in Information Management	Information Technology
18	Ryan	Janakpur	9800000018	ryan.@example.com	Bachelors in Hotel Management	Management
19	Sara	Nepalgunj	9800000019	sara.@example.com	Bachelors in Computer Application	Information Technology
20	Tom	Hetauda	9800000020	tom.@example.com	Bachelors in Computer Science & II	Information Technology
21	Uma	Chitwan	9800000021	uma.@example.com	(NULL)	(NULL)

cid	course_name	faculty
BBM	Bachelors in Business Management	Management

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: CREATE VIEW view_employee_summary AS SELECT emp_name,
department, salary FROM employee_details

0 row(s) affected

Execution Time : 0.018 sec
Transfer Time : 0.006 sec
Total Time    : 0.025 sec
```

emp_name	department	salary
Alice Johnson	HR	60000.00
Bob Smith	IT	75000.00
Charlie Brown	Finance	72000.00

← → C ⓘ localhost/BIM4th/Lab_Work/Siddhartha/Lab_2/10.php

Paid Rs 20000 through credit card
Refunded Rs 10000 through credit card
Paid Rs 15000 through paypal
Refunded Rs 5000 through paypal

```
1 queries executed, 1 success, 0 errors, 0 warnings

Query: CREATE VIEW view_employee_department AS SELECT
e.emp_id, e.emp_name, d.department_name, e.salary,
e.hire_date FROM employee_deta...

0 row(s) affected

Execution Time : 0.032 sec
```

emp_id	emp_name	department_name	salary	hire_date
1	Alice Johnson	HR	60000.00	2022-01-15
2	Bob Smith	IT	75000.00	2021-11-30
3	Charlie Brown	Finance	72000.00	2023-03-10

← → C ⓘ localhost/BIM4th/Lab_Work/Siddhartha/Lab_2/11.php

Details of book:
Name: Atomic Habit
Price: 20$

Details of magazine:
Name: New Times
Price: 10$

← → C ⓘ localhost/BIM4th/Lab_Work/Siddhartha/Lab_2/12.php

Writing INFO to file app.log: Application started
Writing ERROR to file app.log: File not found
Inserting INFO log into database: User logged in
Inserting ERROR log into database: Database connection failed

National College of Computer Studies
Paknajol, Kathmandu

Lab Report No. 2

Database Management System

Submitted by:

Name: Siddhartha Shakya

Program: BIM

Roll no: 19

Section: B

Submitted to:

Shrija Shrestha

Yachu Shakya

Date of submission: 2025/09/03

National College of Computer Studies
Paknajol, Kathmandu

Lab Report

On

Business Data Communication and Networking

Submitted by: **Submitted to:**

Name: Siddhartha Shakya   Pratiksha Poudel

Program: BIM   Shrija Shrestha

Roll no: 19

Section: B

Date of submission: 2025/09/03

Student details:
Name: Sinmbf
Address: Dallu
Roll: 19
Grade: A

Details of the book:
Title: The Alchemist
Author: Paulo Coelho
Price: Rs 1200

Laptop details:
Company Name: Asus
Price: 80000

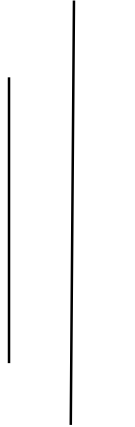20000 deposited successfully
Current Balance: 20000
15000 withdrawn
Current Balance: 5000

Car is being driven

Bonus for 30000 salary is: Rs 3000

Company: Samsung
Price: 20000
End program

Parent constructor
Child constructor

Area of circle: 50.29
Area of rectangle: 30

National College of Computer Studies
Paknajol, Kathmandu

Lab Report No. 2
Web Technology II

Submitted by:

Name: Siddhartha Shakya

Program: BIM

Roll no: 19

Section: B

Submitted to:

Radha Krishna Gajurel

Shrija Shrestha

Date of submission: 2025/09/04