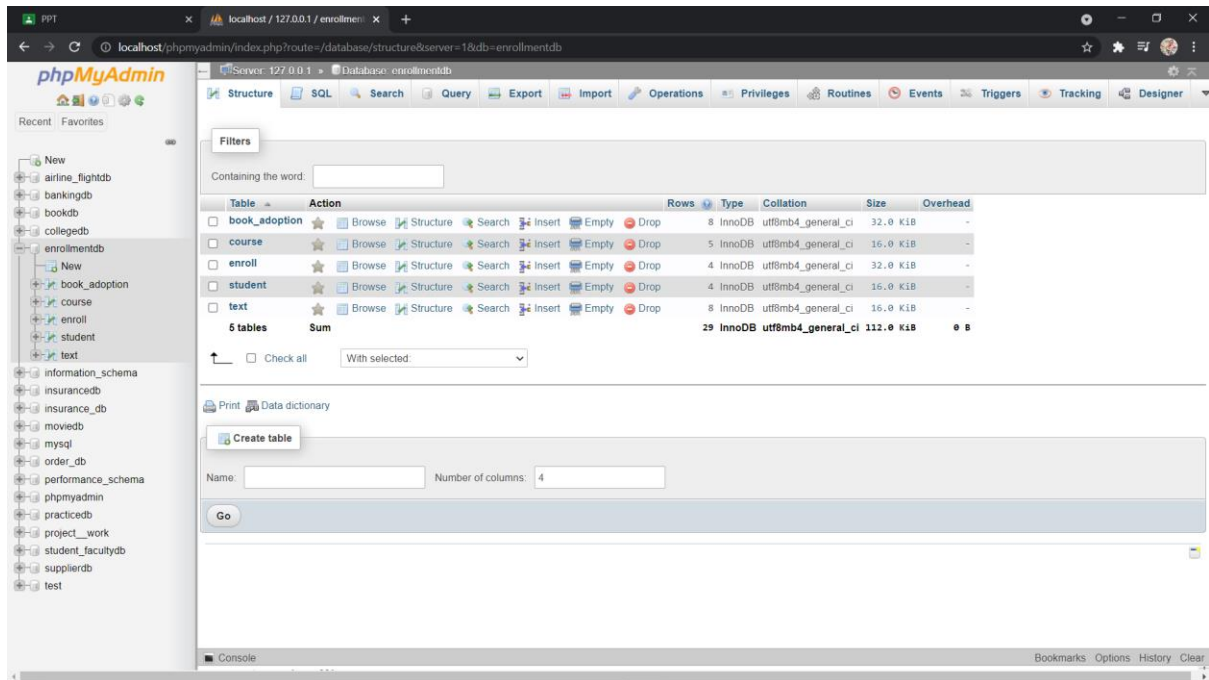
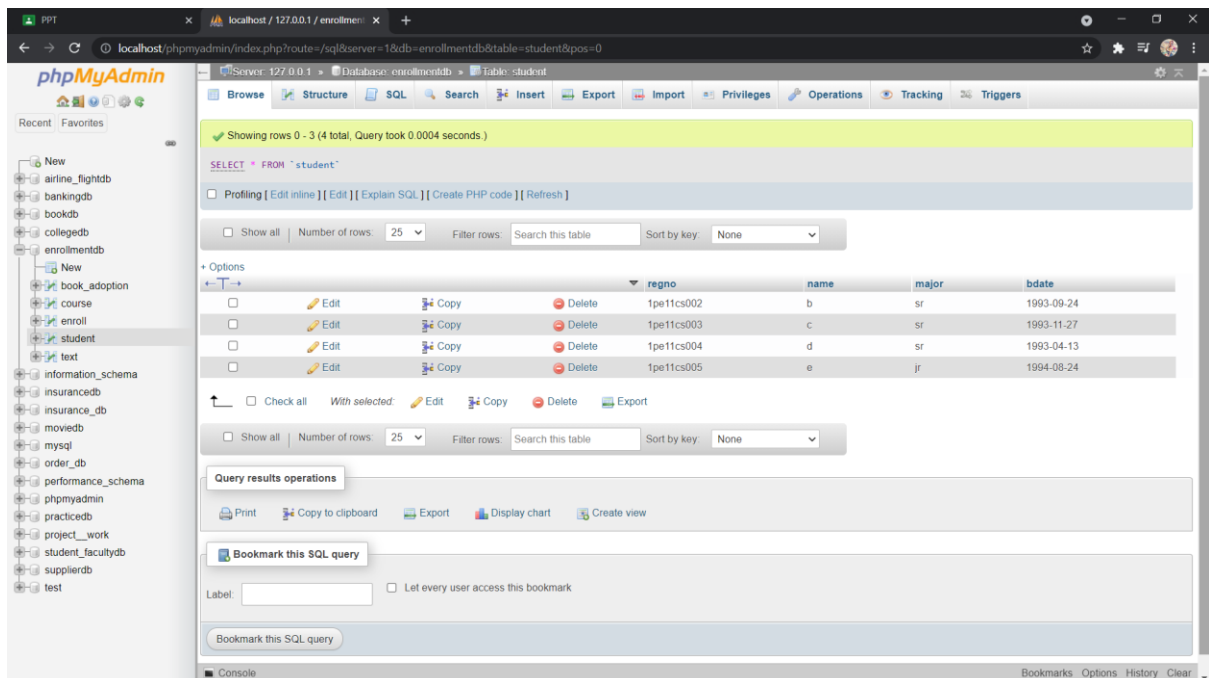


# LAB PROGRAM 8

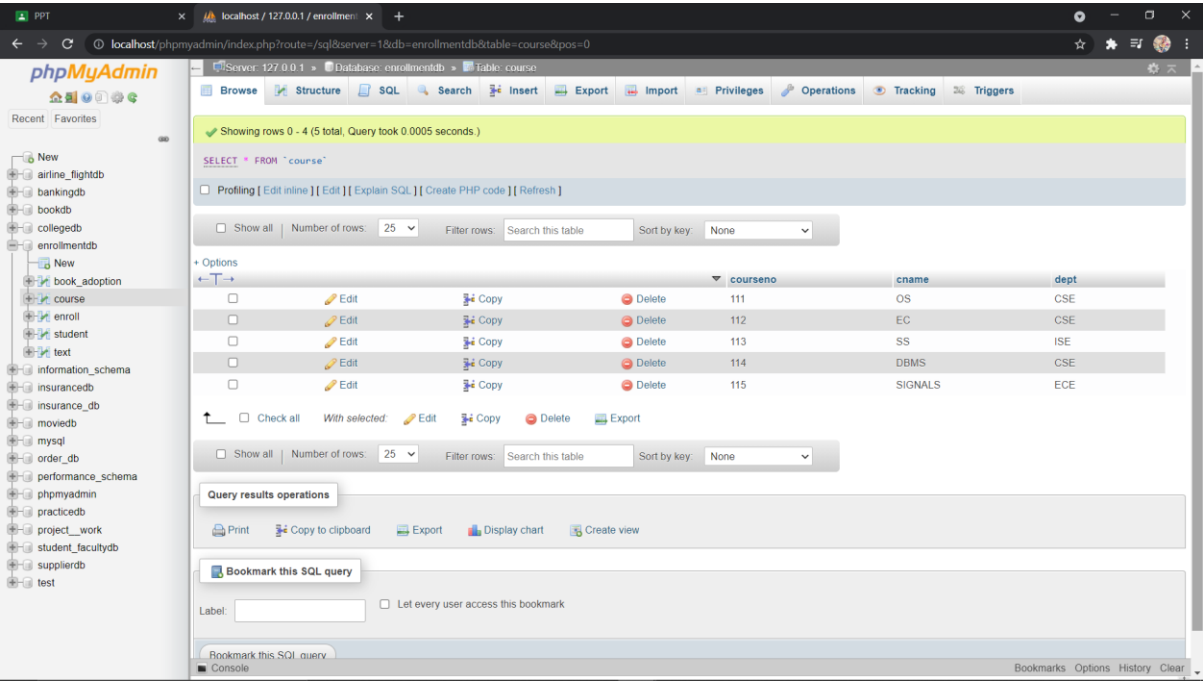
## TABLES



## STUDENT



# COURSE



Showing rows 0 - 4 (5 total. Query took 0.0005 seconds)

```
SELECT * FROM `course`
```

Options: Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	courseeno	cname	dept
<input type="checkbox"/>	111	OS	CSE
<input type="checkbox"/>	112	EC	CSE
<input type="checkbox"/>	113	SS	ISE
<input type="checkbox"/>	114	DBMS	CSE
<input type="checkbox"/>	115	SIGNALS	ECE

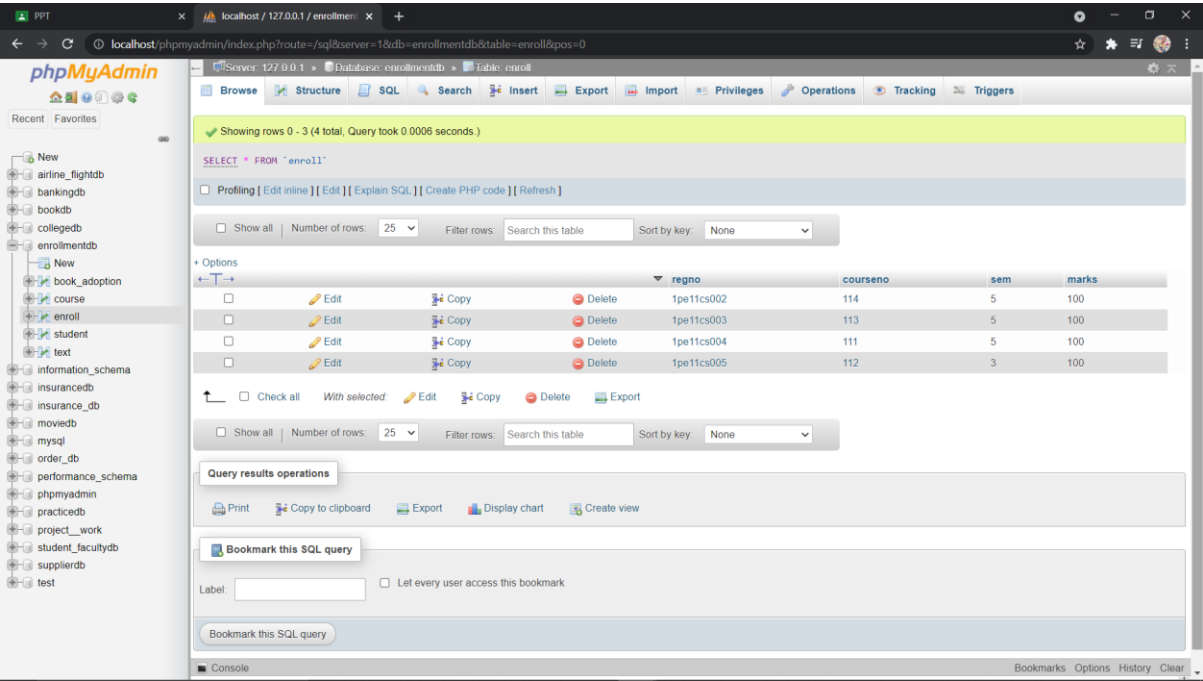
Query results operations: Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

# ENROLL



Showing rows 0 - 3 (4 total. Query took 0.0006 seconds)

```
SELECT * FROM `enroll`
```

Options: Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	regno	courseeno	sem	marks
<input type="checkbox"/>	1pe11cs002	114	5	100
<input type="checkbox"/>	1pe11cs003	113	5	100
<input type="checkbox"/>	1pe11cs004	111	5	100
<input type="checkbox"/>	1pe11cs005	112	3	100

Query results operations: Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Bookmark this SQL query

# TEXT

Showing rows 0 - 7 (8 total, Query took 0.0005 seconds)

```
SELECT * FROM `text`
```

	book_isbn	book_title	publisher	author
<input type="checkbox"/>	10	DATABASE SYSTEMS	PEARSON	SCHILD
<input type="checkbox"/>	900	OPERATING SYS	PEARSON	LELAND
<input type="checkbox"/>	901	CIRCUITS	HALL INDIA	BOB
<input type="checkbox"/>	902	SYSTEM SOFTWARE	PETERSON	JACOB
<input type="checkbox"/>	903	SCHEDULING	PEARSON	PATIL
<input type="checkbox"/>	904	DATABASE SYSTEMS	PEARSON	JACOB
<input type="checkbox"/>	905	DATABASE MANAGER	PEARSON	BOB
<input type="checkbox"/>	906	SIGNALS	HALL INDIA	SUMIT

## BOOK ADOPTION

Showing rows 0 - 7 (8 total, Query took 0.0005 seconds)

```
SELECT * FROM `book_adoption`
```

	courseeno	sem	book_isbn
<input type="checkbox"/>	111	5	900
<input type="checkbox"/>	111	5	903
<input type="checkbox"/>	111	5	904
<input type="checkbox"/>	112	3	901
<input type="checkbox"/>	113	3	10
<input type="checkbox"/>	113	5	902
<input type="checkbox"/>	114	5	905
<input type="checkbox"/>	115	3	906

**Produce a list of text books (include Course #, Book-ISBN, Book-title) in the alphabetical order for courses offered by the 'CS' department that use more than two books.**

Showing rows 0 - 2 (3 total, Query took 0.0068 seconds) [book\_title DATABASE SYSTEMS... - SCHEDULING...]

```
SELECT c.courseno, t.book_isbn, t.book_title FROM course c, book_adoption ba, text t WHERE c.courseno=ba.courseno AND ba.book_isbn=t.book_isbn AND c.dept='CSE' AND 2<( SELECT COUNT(book_isbn) FROM book_adoption b WHERE c.courseno=b.courseno) ORDER BY t.book_title
```

courseno	book_isbn	book_title
111	904	DATABASE SYSTEMS
111	900	OPERATING SYS
111	903	SCHEDULING

**List any department that has all its adopted books published by a specific publisher.**

MySQL returned an empty result set (i.e. zero rows) (Query took 0.0042 seconds.)

```
SELECT DISTINCT c.dept FROM course c WHERE c.dept IN ( SELECT c.dept FROM course c, book_adoption b, text t WHERE c.courseno=b.courseno AND t.book_isbn=b.book_isbn AND t.publisher='PEARSON') AND c.dept NOT IN ( SELECT c.dept FROM course c, book_adoption b, text t WHERE c.courseno=b.courseno AND t.book_isbn=b.book_isbn AND t.publisher != 'PEARSON')
```

dept