

CS130 Lab 3 – u210148: Colm Mooney

Q1:

Code: Select * from cs130lab3 WHERE custname LIKE '%M_____'

The screenshot shows the phpPgAdmin interface in a Google Chrome browser. The URL is `webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...`. The server is set to `vgd21-db (127.0.0.1:5432:allow)` and the database is `cs130`. The schema search path is `public,u210148`. The SQL query entered is `Select * from cs130lab3 WHERE custname LIKE '%M_____'`. The results show 97 rows. The total runtime is 5.302 ms. The SQL was executed successfully. Below the results, there are buttons for 'Edit SQL' and 'Download'. The results table lists customer names and IDs, such as 3982 Nita Moylane, 3999 Kinny Martine, 4010 Sonni Moseley, etc.

Q2:

Code: Select booktitle from cs130lab3 WHERE (bookpages >= 100) AND (bookpages <= 200) AND (bookpages % 2 = 0)

The screenshot shows the phpPgAdmin interface in a Google Chrome browser. The URL is `webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...`. The server is set to `vgd21-db (127.0.0.1:5432:allow)` and the database is `cs130`. The schema search path is `public,u210148`. The SQL query entered is `Select booktitle from cs130lab3 WHERE (bookpages >= 100) AND (bookpages <= 200) AND (bookpages % 2 = 0)`. The results show 463 rows. The total runtime is 4.938 ms. The SQL was executed successfully. Below the results, there are buttons for 'Edit SQL' and 'Download'. The results table lists book titles, such as 'User-friendly eco-centric concept', 'Public-key scalable neural-net', 'Synchronised 3rd generation hub', etc.

Q3:

Code: Select bookisbn from cs130lab3 WHERE bookisbn ~ '^([0|7]).*[0|7]\$'

756745236-7
749565037-0
764502827-0
027779136-7
798460740-0
775320444-0
784586184-7
065279816-0
743624090-0
786627236-0
717323133-7
770544278-7
026794709-7
736988932-7
099040668-7
714131356-7
065464626-0
046035784-0
061643341-7
041847635-7
776415292-7
085166726-0
783026555-0
089050807-0
752453528-7
781303526-7

174 row(s)

Total runtime: 5.153 ms

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQL ? Find

Server?: vgd21-db (127.0.0.1:5432:allow) Database?: cs130

Schema search path?: public,u210148

Select bookisbn from cs130lab3 WHERE bookisbn ~ '^([0-7]).*([0-7])\$'

or upload an SQL script: Choose File No file chosen

☐ Paginate results

Execute Reset

back to top

Q4:

Code: Select booktitle from cs130lab3 WHERE booktitle ~ '[0-9]'

Assimilated 6th generation groupware
Universal 5th generation
Face to face 3rd generation
Cross-platform 6th generation
Vision-oriented 3rd generation
Synergized 24/7 support
Team-oriented 3rd generation
Universal 4th generation
Inverse 24/7 solution
Digitized 3rd generation
Polarised 5th generation
Down-sized 3rd generation
Intuitive 6th generation
Synchronised 3rd generation
Down-sized 24 hour
Focused 6th generation
Configurable 6th generation
Realigned 24 hour
Synergized 6th generation
Business-focused
Visionary 24 hour
Operative 6th generation
Optional 24 hour
Virtual 6th generation
Synchronised 5th generation
Open-architected 3rd generation

286 row(s)

Total runtime: 6.303 ms

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aa...

SQL ? Find

Server?: vgd21-db (127.0.0.1:5432:allow) Database?: cs130

Schema search path?: public,u210148

Select booktitle from cs130lab3 WHERE booktitle ~ '[0-9]'

or upload an SQL script: Choose File No file chosen

☐ Paginate results

Execute Reset

back to top

Q5:

Code: Select booktitle from cs130lab3 WHERE booktitle ~ '^.*operative web-enabled.*\$'

booktitle
Operative web-enabled framework
Operative web-enabled moratorium
Operative web-enabled benchmark
Operative web-enabled model

4 row(s)

Total runtime: 12.371 ms

SQL executed.

[Edit SQL](#) | [Download](#)

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aa...

SQL Find

Server: vgd21-db (127.0.0.1:5432:allow) Database: cs130

Schema search path: public,u210148

Select booktitle from cs130lab3 WHERE booktitle ~* '^.*operative web-enabled.*\$'

Q6:

Code: Select custiban from cs130lab3 WHERE custiban SIMILAR TO '(IE|ES|CH)%' AND char_length(custiban) >= 26

ES65 6624 4865 0362 9446 1921
CH11 8546 0MOM PDDK WUZV N
IE48 VJVP 4401 0766 2282 20
IE34 VHYJ 4609 3100 7806 40
CH22 5744 2RCR A4RE 3XW1 7
ES80 6425 0247 1501 9725 2970
IE56 DXZV 0872 7098 0332 07
ES25 8432 6527 2249 0665 0280
IE88 PJHJ 9559 9988 6037 83
CH70 9092 2ISB WIUZ NUDX F
CH76 5977 9YQL 1PGI XNF1 6
CH75 2294 81UW 6QTW KIBQ V
IE74 NOJG 6239 7196 0085 08

204 row(s)

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQL Find

Server: vgd21-db (127.0.0.1:5432:allow) Database: cs130

Schema search path: public,u210148

Select custiban from cs130lab3 WHERE custiban SIMILAR TO '(IE|ES|CH)%' AND char_length(custiban) >= 26

Q7:

Code: Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{3}\$'

FR06 1287 9530 85YD YQNW BPT E 645
FR34 2391 2674 34VS 9HDL 4P2G 351
MR16 6273 8936 6031 0918 0696 300
MC50 1034 1827 86G7 WPSY R1RR 996
SI60 5021 1261 7963 356
SI63 9451 3176 2757 917
AE60 3867 3896 5434 5506 806
MR44 7879 7982 8512 8141 9607 086
MR50 7613 0567 6143 5834 3799 125
FR38 9601 4234 84VX KH5S C4CZ 369
NO53 6200 8884 215
FR29 8333 7748 92MZ I1Q ALBG 230
NO60 0286 1845 444
FR97 6936 1812 38WY MCPW HLW2 846

466 row(s)

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aa...

SQL Find

Server: vgd21-db (127.0.0.1:5432:allow) Database: cs130

Schema search path: public,u210148

Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{3}\$'

Q8:

Code: Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\$'

DO49 WCWU 4898 9685 4075 2255 9863
AT06 9616 7328 8680 6587
AT62 0874 0162 5783 2568
TN82 8874 4797 1136 1515 8713
ME13 4721 1304 9121 6571 91
BR49 3650 2787 9419 6525 4313 938F T
LT74 4009 2740 1370 0057
IE74 NOJG 6239 7196 0085 08
PL34 6670 0970 3074 3805 3480 4069
GE23 NV08 2835 3665 5452 22
BA25 1738 8153 1363 0688
LT32 7957 4407 2838 6896
RS17 7684 0544 6842 5936 98

2297 row(s)

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aa...

SQL Find

Server: vgd21-db (127.0.0.1:5432:allow) Database: cs130

Schema search path: public,u210148

Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\$'

Q9:

Code: Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}'

HU89 9373 7412 8482 7554 5386 7103
HU96 8365 7473 7774 7674 9069 1800
HU88 6094 5980 2227 0301 6478 1838
PL04 3409 3203 7358 9419 5394 0638
HU49 4451 6859 5890 2689 2683 6373
HU60 3490 0625 6505 8150 8781 5673
PL66 6141 7767 7677 6395 3858 2748
HU82 4798 4349 3178 7867 0823 3529
PL31 7883 5788 0921 2414 6439 5130
HU11 0576 5928 6532 2379 0591 7479
PL34 6670 0970 3074 3805 3480 4069

159 row(s)
Total runtime: 14.696 ms

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQLFind

Server?: vgd21-db (127.0.0.1:5432:allow) Database?: cs130

Schema search path?: public,u210148

Select custiban from cs130lab3 WHERE custiban ~ '^.*\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}\s[0-9]{4}'

Q10:

Code: Select bookprice from cs130lab3 WHERE (((bookpages >= 100) AND (bookprice * 1.12 >= 60)) AND ((custregion = 'IE') OR (custregion = 'UK')))

59.43
54.25
56.11
56.52
58.72
57.67
59.13
58.95
59.25
56.04
57.44
53.61

137 row(s)

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQLFind

Server?: vgd21-db (127.0.0.1:5432:allow) Database?: cs130

Schema search path?: public,u210148

Select bookprice from cs130lab3 WHERE (((bookpages >= 100) AND (bookprice * 1.12 >= 60)) AND ((custregion = 'IE') OR (custregion = 'UK')))

Q11:

Code: Select booktitle, booktext from cs130lab3 WHERE booktext ~'.+CS130'

Query Results

booktitle

Object-based optimal framework
Automated zero tolerance application
Customer-focused scalable human
Business-focused intermediate
Balanced discrete superstructure
Pre-emptive 6th generation platform
Multi-channelled contextually-b

7 row(s)
Total runtime: 7.958 ms
SQL executed.

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQLFind

Server?: vgd21-db (127.0.0.1:5432:allow) Database?: cs130

Schema search path?: public,u210148

Select booktitle, booktext from cs130lab3 WHERE booktext ~'.+CS130'

Q12:

Code: Select booktitle, bookpages from cs130lab3 WHERE log(bookpages) >= 2.2227 AND log(bookpages) <= 2.285555

Intuitive holistic moratorium

Horizontal real-time success

Synchronised 3rd generation hub

Focused upward-trending interface

Profit-focused bifurcated encryption

Synergized leading edge system en

Object-based value-added hierarch

Assimilated maximized benchmark

Enhanced homogeneous matrix

Optional optimizing hierarchy

Automated intermediate frame

Assimilated impactful attitude

Open-architected 3rd generation he

246 row(s)

Total runtime: 5.938 ms

SQL executed.

192

phpPgAdmin - SQL - Google Chrome

webcourse.cs.nuim.ie/phppgadmin/sqledit.php?subject=table&server=127.0.0.1%3A5432%3Aallow&da...

SQL?

Find

Server?: vgd21-db (127.0.0.1:5432:allow) ▾

Database?: cs130 ▾

Schema search path?: public,u210148

Select booktitle, bookpages from cs130lab3 WHERE log(bookpages) >= 2.2227 AND log(bookpages) <= 2.285555