```
Command Prompt - sqlplus

1 row created.

SQL> SELECT rollNo from student WHERE sex='female' AND name LIKE '%o%';

ROLLN
-----
25940
2629
26730
27430
27528
27727
28019
28361
28977
2967
29863

ROLLN
-----
29920
31080
31476
32056
33206
33759
33882
34055
34386
35
35198

ROLLN
-----
3535?
```

```
18108
18367
18469
18636

ROLLN
-----
18809
19203
19603
19766
21009
21101
21225
21337
21766
22618
23457

ROLLN
-----
23934
50658
50719
50966
51579
51768
51862
51955
52371
53485
53699

110 rows selected.
```

```
Select Command Prompt - sqlplus                                                                    —    □    ×
110 rows selected.

SQL> SELECT COUNT(empId) FROM professor WHERE name LIKE '%a' AND startYear>2000;

COUNT(EMPID)
------------
           0

SQL> SELECT name FROM department WHERE deptId>=10 and LIKE phone='%55%';
SELECT name FROM department WHERE deptId>=10 and LIKE phone='%55%'
                                                   *
ERROR at line 1:
ORA-00936: missing expression


SQL> SELECT name FROM department WHERE deptId>=10 and phone LIKE '%55%';

NAME
--------------------
Finance
Geology
Athletics
```
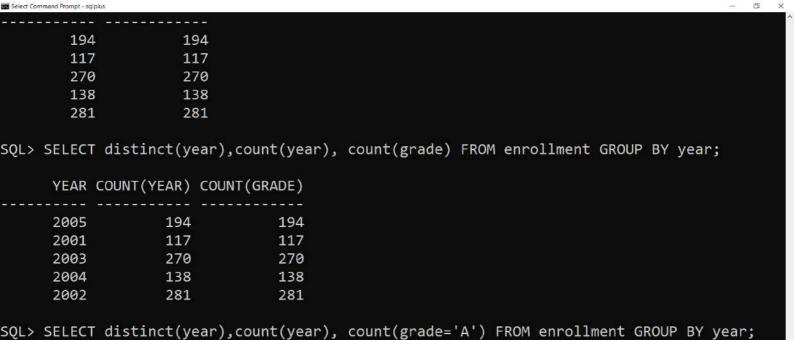
```
---------- ------------
         194          194
         117          117
         270          270
         138          138
         281          281

SQL> SELECT distinct(year),count(year), count(grade) FROM enrollment GROUP BY year;

      YEAR COUNT(YEAR) COUNT(GRADE)
---------- ----------- ------------
      2005          194          194
      2001          117          117
      2003          270          270
      2004          138          138
      2002          281          281

SQL> SELECT distinct(year),count(year), count(grade='A') FROM enrollment GROUP BY year;
SELECT distinct(year),count(year), count(grade='A') FROM enrollment GROUP BY year
                                               *
ERROR at line 1:
ORA-00907: missing right parenthesis
```

```
SQL> SELECT distinct(year),count(grade),count(year)
  2  FROM enrollment
  3  WHERE grade='A'
  4  GROUP BY year;

      YEAR COUNT(GRADE) COUNT(YEAR)
---------- ------------ -----------
      2005           46          46
      2001           28          28
      2004           29          29
      2003           64          64
      2002           50          50

SQL> SELECT count(courseId), count(preReqCourse)
  2  FROM prerequisite
  3  GROUP BY courseId;

COUNT(COURSEID) COUNT(PREREQCOURSE)
--------------- -------------------
              1                   1
  2  FROM prerequisite
```

```
77 rows selected.

SQL> SELECT courseId, count(preReqCourse)
  2  FROM prerequisite
  3  GROUP BY courseId;

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
169                        1
209                        1
236                        1
254                        1
292                        1
324                        2
353                        2
443                        1
631                        1
792                        1
795                        1

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
  2  FROM prerequisite
```

```
664                        2
696                        1
774                        2
820                        1
877                        1
276                        1

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
376                        1
403                        2
411                        1
704                        1
841                        1
843                        1
947                        1
958                        3
239                        1
545                        2
559                        1

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
586                        1
618                        1
852                        2
875                        1
457                        1
544                        2
629                        1
647                        1
694                        1
760                        1
864                        1

77 rows selected.

SQL> SELECT count(courseId) FROM teaching WHERE sem='Even' and classRoom='R1';
```

```
664                    2
696                    1
774                    2
820                    1
877                    1
276                    1

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
376                    1
403                    2
411                    1
704                    1
841                    1
843                    1
947                    1
958                    3
239                    1
545                    2
559                    1

COURSEID COUNT(PREREQCOURSE)
-------- -------------------
586                    1
618                    1
852                    2
875                    1
457                    1
544                    2
629                    1
647                    1
694                    1
760                    1
864                    1

77 rows selected.

SQL> SELECT count(courseId) FROM teaching WHERE sem='Even' and classRoom='R1';

COUNT(COURSEID)
---------------
              2

SQL> SELECT count(courseId) FROM teaching WHERE sem='Odd' and classRoom='R1';

COUNT(COURSEID)
---------------
              3

SQL>
```

```
Command Prompt - sqlplus                                                    —    ☐   ✕

Microsoft Windows [Version 10.0.19045.2486]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Vishnu>sqlplus

SQL*Plus: Release 10.2.0.1.0 - Production on Mon Jan 23 17:27:58 2023

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Enter user-name: scott
Enter password:

Connected to:
Oracle Database 10g Enterprise Edition Release 10.2.0.1.0 - Production
With the Partitioning, OLAP and Data Mining options

SQL> SELECT count(courseId) FROM teaching WHERE sem='Even' and classRoom LIKE '%R1%';

COUNT(COURSEID)
---------------
              5

SQL> SELECT count(courseId) FROM teaching WHERE sem='Odd' and classRoom LIKE '%R1%';

COUNT(COURSEID)
---------------
              7

SQL>
```