1. Da
2. Da
3. DA
4. SELECT id\_angajat, nume,

SALARIUL \* 12 AS salariu\_anual

FROM Angajati;

1. EXEC sp\_help 'dbo.DEPARTAMENTE';

SELECT \* FROM Departamente;

1. SELECT \* FROM ANGAJATI;
2. SELECT id\_angajat, nume, ID\_FUNCTIE, data\_angajare AS 'Lucrează din'

FROM ANGAJATI;

1. SELECT

ID\_ANGAJAT AS Identificatorul,

nume AS 'Numele angajatului',

id\_functie AS Funcția,

data\_angajare AS 'Data angajarii'

FROM ANGAJATI;

1. SELECT ID\_FUNCTIE

FROM Angajati;

SELECT DISTINCT id\_functie

FROM Angajati;

1. SELECT CONCAT ( nume, ', ', id\_functie ) AS "Angajat și funcție"

FROM Angajati;

SELECT nume + ', ' + id\_functie AS "Angajat și funcție"

FROM Angajati;

1. SELECT CONCAT(

id\_angajat,', ',

nume, ', ',

prenume, ', ',

data\_angajare,', ',

email,', ',

telefon,', ',

id\_functie,', ',

comision,', ',

id\_manager,', ',

ID\_DEPARTAMENT,', ',

salariul) AS "Informatii complete"

FROM Angajati;

1. SELECT \*

FROM ANGAJATI;

1. SELECT id\_angajat, nume, prenume, id\_functie

FROM Angajati;

1. SELECT nume, salariuL

FROM Angajati

WHERE salariuL > 12000;

1. SELECT nume, ID\_DEPARTAMENT

FROM Angajati

WHERE id\_angajat = 176;

1. SELECT nume, salariul

FROM Angajati

WHERE salariul NOT BETWEEN 5000 AND 12000;

1. SELECT nume, id\_functie, data\_angajare

FROM angajati

WHERE nume IN ('Matos', 'Taylor')

ORDER BY data\_angajare;

1. SELECT nume, ID\_DEPARTAMENT

FROM angajati

WHERE SALARIUL !=0 and id\_departament IN (20, 50)

ORDER BY nume;

1. SELECT nume AS Angajat, salariul AS Salariu\_lunar

FROM angajati

WHERE salariul BETWEEN 5000 AND 12000

AND id\_departament IN (20, 50);

1. SELECT nume, id\_functie, data\_angajare

FROM angajati

WHERE SALARIUL !=0 and data\_angajare BETWEEN '1987-02-20' AND '1989-05-01'

ORDER BY data\_angajare ASC;

1. SELECT nume, data\_angajare

FROM ANGAJATI

WHERE SALARIUL !=0 and YEAR(DATA\_ANGAJARE)=1994

--

SELECT nume, data\_angajare

FROM ANGAJATI

WHERE SALARIUL !=0 and data\_angajare LIKE '1994%'

1. SELECT nume, id\_functie

FROM angajati

WHERE id\_manager IS NULL;

1. SELECT nume, salariul, comision

FROM angajati

WHERE SALARIUL !=0 and comision IS NOT NULL

ORDER BY salariul DESC, comision DESC;

1. SELECT nume, salariul, comision

FROM angajati

ORDER BY salariul DESC, comision DESC;

1. SELECT nume

FROM angajati

WHERE nume LIKE '%a%' AND nume LIKE '%e%';

1. SELECT nume

FROM angajati

WHERE nume LIKE '\_\_A%';

1. SELECT nume

FROM angajati

WHERE (LEN(nume) - LEN(REPLACE(nume, 'L', ''))) = 2

AND (id\_departament = 30 OR id\_manager = 101);

1. SELECT nume, id\_functie, salariul

FROM angajati

WHERE (id\_functie LIKE '%clerk%' OR id\_functie LIKE '%rep%')

AND salariul NOT IN (2500, 3500, 7000) and SALARIUL !=0;

1. SELECT nume, salariul, comision

FROM angajati

WHERE salariul > salariul \* comision \* 5;

1. SELECT \*

FROM angajati

WHERE id\_functie LIKE '%CLERK%';

1. SELECT \*

FROM comenzi

WHERE id\_angajat = 161;

1. SELECT \*

FROM comenzi

WHERE data > '2000-01-01' AND modalitate = 'online';

1. SELECT a.id\_angajat, a.nume, a.prenume, a.id\_manager, a.id\_departament, d.denumire\_departament

FROM angajati a

JOIN departamente d ON a.id\_departament = d.id\_departament;

--34

--SELECT CURDATE();

--35

--SELECT ID\_ANGAJAT, nume, SALARIUL, ROUND(SALARIUL \* 1.155, 2) AS "Salariu majorat"

--FROM ANGAJATI;

--36

--SELECT ID\_ANGAJAT,nume,SALARIUL,ROUND(SALARIUL \* 1.155, 2) AS "Salariu majorat", SALARIUL - (SALARIUL \* 1.155) AS Majorat FROM ANGAJATI;

--37

--SELECT UPPER(nume) AS Nume\_Majuscule, LEN(nume) AS Lungime\_Nume FROM ANGAJATI WHERE nume LIKE 'J%' OR nume LIKE 'A%' OR nume LIKE 'M%' ORDER BY nume;

--38

--SELECT CONCAT(prenume, ' ', nume) AS Nume\_Complet, SALARIUL AS "Salariu lunar", SALARIUL \* 3 AS "Salariu ideal"FROM ANGAJATI;

--39

--SELECT CONCAT(UPPER(LEFT(PRENUME, 1)), LOWER(RIGHT(PRENUME, LEN(PRENUME) - 1))) AS 'Prenume', UPPER(NUME) AS 'Nume', LEN(NUME) AS 'Lungimea' FROM ANGAJATI

--WHERE NUME LIKE 'J%' OR NUME LIKE 'M%' OR SUBSTRING(NUME, 3, 1) = 'A' ORDER BY LEN(NUME) DESC;

40

SELECT e.id\_angajat, e.nume, e.id\_departament

FROM angajati e

JOIN departamente d ON e.id\_departament = d.id\_departament

WHERE UPPER(TRIM(e.prenume)) = 'STEVEN';

41. SELECT

id\_angajat AS Id,

nume AS Nume,

LENGTH(nume) AS Lungime\_Nume,

LOCATE('a', nume) AS Pozitie\_A

FROM

angajati

WHERE

RIGHT(nume, 1) = 'e';

42. SELECT \*

FROM angajati

WHERE SALARIUL !=0 and DATEDIFF(CURDATE(), data\_inceput\_lucru) % 7 = 0;

43. SELECT

Id\_angajat AS "Cod Salariat",

nume AS "Nume",

salariul AS "Salariul",

ROUND(salariul \* 1.15, 2) AS "Salariu nou",

ROUND(salariul \* 1.15 / 100, 2) AS "Numar sute"

FROM

angajati

WHERE

SALARIUL !=0 and salariu % 1000 <> 0;

44. SELECT

nume AS "Nume angajat",

RPAD(data\_angajare, 15, ' ') AS "Data angajarii"

FROM

Angajati

WHERE

SALARIUL !=0 and comision > 0;

45. SELECT

prenume,

CEIL(DATEDIFF(CURDATE(), hire\_date) / 30) AS MONTHS\_WORKED

FROM

angajati

ORDER BY

MONTHS\_WORKED;

46. SELECT

DATE\_FORMAT(DATE\_ADD(NOW(), INTERVAL 30 DAY), '%M %e, %Y %H:%i:%s') AS "Data peste 30 de zile"

47. SELECT

DATEDIFF(DATE\_FORMAT(NOW(), '%Y-12-31'), NOW()) AS "Zile ramase pana la sfarsitul anului";

48. a) SELECT

DATE\_ADD(NOW(), INTERVAL 12 HOUR) AS "Data peste 12 ore";

b) SELECT

DATE\_ADD(NOW(), INTERVAL 5 MINUTE) AS "Data peste 5 minute";

49. SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

data\_angajare AS "Data angajarii",

DATE\_ADD(

DATE\_ADD(data\_angajare, INTERVAL 6 MONTH),

INTERVAL (8 - WEEKDAY(DATE\_ADD(data\_angajare, INTERVAL 6 MONTH))) DAY

) AS "Negociere"

FROM

angajati;

50. SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

ROUND(DATEDIFF(NOW(), data\_angajare) / 30) AS "Luni lucrate"

FROM

angajati

ORDER BY

"Luni lucrate";

51. SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

data\_angajare AS "Data angajarii",

DAYNAME(data\_angajarii) AS "Zi"

FROM

angajati

ORDER BY

WEEKDAY(data\_angajare);

52. a)SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

IFNULL(comision, 'Fara comision') AS "Comision"

FROM

angajati;

b) SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

COALESCE(comision, 'Fara comision') AS "Comision"

FROM

angajati;

53. SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

salariul AS "Salariu",

comision AS "Comision"

FROM

angajati

WHERE

salariul + IFNULL(comision, 0) > 10000;

54. SELECT

CONCAT(nume, ' ', prenume) AS "Nume angajat",

id\_functie AS "Cod functie",

salariul AS "Salariu",

CASE id\_functie

WHEN 'IT\_PROG' THEN salariul \* 1.20

WHEN 'SA\_REP' THEN salariul \* 1.25

WHEN 'SA\_MAN' THEN salariul \* 1.35

ELSE salariul

END AS "Salariu renegociat"

FROM

angajati;

55. SELECT

a.id\_angajat,

a.prenume,

a.id\_functie,

a.salariu

FROM

angajati a

WHERE

a.id\_functie != 'IT\_PROG'

AND a.salariu < (SELECT MIN(salariu) FROM angajati WHERE id\_functie = 'IT\_PROG');

56. SELECT

a.id\_angajat,

a.prenume,

a.id\_functie,

a.salariu

FROM

angajati a

WHERE

a.id\_functie != 'IT\_PROG'

AND a.salariu < ALL (SELECT salariu FROM angajati WHERE id\_functie = 'IT\_PROG');

57. SELECT

c.\*

FROM

comenzile c

JOIN

angajati a ON c.id\_angajat = a.id\_angajat;

58. SELECT

c.\*

FROM

comenzile c

JOIN

angajati a ON c.id\_angajat = a.id\_angajat

WHERE

a.nume = 'Greene'

AND MONTH(c.data\_incheiere) = 11;

59. SELECT

denumire\_produs,

pret,

cantitate,

pret \* cantitate AS valoare

FROM

produse;

-- 60

-- SELECT

-- p.DENUMIRE\_PRODUS AS 'Denumire produs',

-- r.PRET AS 'Pret',

-- r.CANTITATE AS 'Cantitate',

-- r.PRET \* r.CANTITATE AS 'Valoare'

-- FROM

-- rand\_comenzi r

-- JOIN

-- produse p ON r.ID\_PRODUS = p.ID\_PRODUS

-- WHERE

-- r.PRET \* r.CANTITATE BETWEEN 1000 AND 2000;

-- 61

-- SELECT

-- p.ID\_PRODUS,

-- p.DENUMIRE\_PRODUS AS 'Denumire produs',

-- COALESCE(r.CANTITATE, 0) AS 'Cantitate'

-- FROM

-- produse p

-- LEFT JOIN

-- rand\_comenzi r ON p.ID\_PRODUS = r.ID\_PRODUS;

-- 62

-- SELECT

-- a1.NUME AS 'Nume angajat',

-- a2.NUME AS 'Nume sef direct'

-- FROM

-- angajati a1

-- LEFT JOIN

-- angajati a2 ON a1.ID\_MANAGER = a2.ID\_ANGAJAT;

-- 63

-- SELECT

-- a2.\*

-- FROM

-- angajati a1

-- JOIN

-- angajati a2 ON a1.ID\_DEPARTAMENT = a2.ID\_DEPARTAMENT

-- WHERE

-- a1.NUME = 'Smith' AND a2.NUME != 'Smith';

-- 64

-- SELECT

-- ID\_PRODUS,

-- DENUMIRE\_PRODUS,

-- PRET\_LISTA

-- FROM

-- produse

-- WHERE

-- PRET\_LISTA = (SELECT MIN(PRET\_LISTA) FROM produse);

-- 65

-- SELECT

-- a.NUME AS 'Nume angajat',

-- a.ID\_ANGAJAT AS 'Cod angajat',

-- d.ID\_DEPARTAMENT AS 'Cod departament',

-- d.DENUMIRE\_DEPARTAMENT AS 'Nume departament'

-- FROM

-- angajati a

-- JOIN

-- departamente d ON a.ID\_DEPARTAMENT = d.ID\_DEPARTAMENT;

-- 66

-- SELECT DISTINCT

-- titlu\_job

-- FROM

-- angajati

-- WHERE

-- id\_departament = 30;

-- 67

-- SELECT

-- a.NUME AS 'Nume angajat',

-- d.DENUMIRE\_DEPARTAMENT AS 'Nume departament',

-- d.ID\_LOCATIE AS 'Locatie'

-- FROM

-- angajati a

-- JOIN

-- departamente d ON a.ID\_DEPARTAMENT = d. ID\_DEPARTAMENT

-- WHERE

-- a.COMISION > 0;

-- 68

-- SELECT

-- a.NUME AS 'Nume salariat',

-- d.DENUMIRE\_DEPARTAMENT AS 'Nume departament'

-- FROM

-- angajati a

-- JOIN

-- departamente d ON a.ID\_DEPARTAMENT = d.ID\_DEPARTAMENT

-- WHERE

-- a.NUME LIKE '%A%';

-- 69

-- SELECT

-- a.NUME AS 'Nume angajat',

-- a.titlu\_job AS 'Job',

-- a.ID\_ANGAJAT AS 'Cod',

-- d.DENUMIRE\_DEPARTAMENT AS 'Nume departament'

-- FROM

-- angajati a

-- JOIN

-- departamente d ON a.ID\_DEPARTAMENT = d.ID\_DEPARTAMENT

-- WHERE

-- d.ID\_LOCATIE = '2500'; -- 2500 (Oxford ID)

-- 70

-- SELECT

-- a1.ID\_ANGAJAT AS 'Ang#',

-- a1.NUME AS 'Angajat',

-- a2.ID\_ANGAJAT AS 'Mgr#',

-- a2.NUME AS 'Manager'

-- FROM

-- angajati a1

-- LEFT JOIN

-- angajati a2 ON a1.ID\_MANAGER = a2.ID\_ANGAJAT;

-- 71

-- SELECT

-- a1.ID\_ANGAJAT AS 'Ang#',

-- a1.NUME AS 'Angajat',

-- IFNULL(a2.ID\_ANGAJAT, 'N/A') AS 'Mgr#',

-- IFNULL(a2.NUME, 'Fara manager') AS 'Manager'

-- FROM

-- angajati a1

-- LEFT JOIN

-- angajati a2 ON a1.ID\_MANAGER = a2.ID\_ANGAJAT;

-- 72

-- SELECT

-- a1.NUME AS 'Nume angajat',

-- a1.ID\_DEPARTAMENT AS 'Cod departament',

-- a2.NUME AS 'Nume coleg'

-- FROM

-- angajati a1

-- JOIN

-- angajati a2 ON a1.ID\_DEPARTAMENT = a2.ID\_DEPARTAMENT

-- ORDER BY

-- a1.NUME, a2.NUME;

-- ??? -- 73

-- 74

-- SELECT

-- NUME AS 'Nume angajat',

-- DATA\_ANGAJARE AS 'Data angajării'

-- FROM

-- angajati

-- WHERE

-- NUME > 'Gates';

-- 75

-- SELECT

-- a.NUME AS 'Angajat',

-- a.DATA\_ANGAJARE AS 'Data\_ang',

-- m.NUME AS 'Manager',

-- m.DATA\_ANGAJARE AS 'Data\_mgr'

-- FROM

-- angajati a

-- JOIN

-- angajati m ON a.ID\_MANAGER = m.ID\_ANGAJAT

-- WHERE

-- a.DATA\_ANGAJARE < m.DATA\_ANGAJARE;