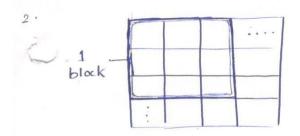1.

TicTacToe game?

let x → 1 , 0 → 0

write an object oriented code for tictactoe game of size n×n (where n ⩾ 3) to determine which user won?

2.

.1
block

sudoko of size 9×9 , can contain elements 1-9.

write a code to validate the state of sudoko.

- each row should contain 1-9
- each column should -"- 1-9
-"- block - " - 1-9.

write 2 different approach to solve the problem?

Database Interview Question.

1) wht is semi join
  ↳ is there any concept of semi-join

2) wht is the order in which clauses should be written in select statement?

3) diff bet" 1) subqueries & co-related queries
  2) Delete & truncate 3) where & having Cla

4) Which query will be executed 1st in outer query & inner query.

5) Cartesion join.

6) It is possible to create trigger on view

7) file system - disadvantage

8) Can we write multiple cursor

9) What is ACID property.

10) wht is coeld's rule.

11) wild card

12) wht is diff bet" trigger & stored procedure.

13) ———"——— stored procedure & stored fun"

14) ——"——— unique key & primary key

15) wht is foreign key & composite key.

16) In which clause we can't use alias? wh"

17) How many types of stored procedure
  ↳ In, out, Inout

18) wht is locator in dB. In which datatype it is u

19) foreign key syntax.

20) why do we call RDBMs as Relational databa

21) max depth level of nested trigger.

22) If we do truncate cascade then what will happen? Its child table will also get truncate

23) which datastructure is used in linked List.

24) Data concurrancy, redundancy, recovery?
  How to avoid data redundancy in db

25}	How self join work?
26}	which db whatsapp, insta, google is using?
27}	diff bet" truncate & chrop?
28}	what is the range of
29}	which extra DDL command is used in Mysql Oracle
80}	can we used pipe in Mysql?
	↳ No, instead of pipe we use concat
31}	diff bet" loop, leave, & iterator
32}	full form of DCL
33}	TCL
34}	what is secondary key
35)	Diff bet" union & join
36}	—↑— union & unionall
37}	Grand & revoke are which command
38}	Diff bet" DBMS & RDBMS
39}	Wht is data dictionary
40}	Whn is the diff bet" primary key & Candidate key.
41}	Instead of not equal to which operator used
42}	BSNF full form & explain.
43)	why are used create Index
44}	largest db in the world ⟶ Yahoo
45}	how to chrop table.
46}	diff truncate, delete, chrop

Q why do you use Constraints.
Q create a table
Q Delete duplicate records from a table.
Q To fetch alternate records from a table
Q diff between row id, row num.
Q write syntax to set 2 keys as primary key in employee table.
Q diffrence between forign key & primary key.
Q what is a surrogate key.
Q Get the position of K in the name "Ankit" from employee table.
Q Select first name, last name from employee table as seperate rows.
Q what does the function To-Date do.
Q What does the fuction To-char do.
Q what does the function instr do.
Q why does you use a dual.
Q what does is function of keyword distinct.
Q why is alter table used.
Q what is syntax of alter table.
Q what is NOT NULL.
Q what are arethemetic operators anailable.

1. How will you get the nth highest salary of on employee?

2. WAP in C to print "talk in english" & the program should not have any semi colons.

3. To check num is even or odd num without % & / operator.

4. WAP to check if given string is a palindrome using stack. &num.

5. Convert the given decimal num into binary

6. Convert binary to decimal. } with & without loop.

7. WAP in C to sort the word in string.

8. WAP to check if given prog is prime.

9.
```
A B C D E F E D C B A
  A B C D E D C B A
    A B C D C B A
      A B C B A
        A B A
          A
        A B A
      A B C B A
    A B C D C B A
  A B C D E D C B A
A B C D E F E D C B A
A B C D E _ _ _ _ _
```

Q.
```
    * * *
  *     *
 *       *
  *     *
    * *
```

Q. write a program for toggle case