

CS6308- JAVA PROGRAMMING
MID SEMESTER EXAMINATION-LAB (N BATCH)

Draw the following table in your first page
MARK SPLIT-UP

Q.NO.	COMMENTS	MARK
Total		

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Date: 4-4-2025

Marks: 25

Answer ALL Questions

1. Write a program that prompts the user to enter the length of a square matrix, randomly fills in 0s and 1s into the matrix, prints the matrix, and finds the rows, columns, and diagonals with all 0s or 1s. Here is a sample run of the program: (10)

```
Enter the size for the matrix: 4 Enter
0111
0000
0100
1111
All 0s on row 1
All 1s on row 3
No same numbers on a column
No same numbers on the major diagonal
No same numbers on the sub-diagonal
```

2. Implement a file transfer system using sockets. (15)