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CoderPad Round:

1. Given an $m \times n$ matrix, print the matrix in reverse spiral form using recursion.
2. Find the second smallest number from an int array.
3. Find the smallest subarray whose sum is equal or greater than the target value

1st technical round:

1. Explain how to write Junits for a singleton class.
2. Explain the last project worked and its architecture.
3. Any challenging scenario in last project and how it was tackled.
4. If a db query returned result in 30s, and is now returning the results in 30 mins , how will you debug the problem and fix it.
5. Explain how a database query performance can be improved
6. Unix command for copying one file from one system to another.
7. How to find free space in unix machine
8. Asked to write a query which involved group by and then to find the second highest.
9. Explain the flow with try, catch, finally

2nd Round:

1. Explain the design patterns used in previous projects and why were they chosen.
2. Design an application which will read data from a file and then put them in a db table.
3. Explain Decorator, Adapter, chain of responsibility design patterns with real life scenarios.
4. Explain joins.